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	Doc ID: FD-006	Version: v3.00	

Functional Document

FD-006

Software Supplier Test Documentation - NMVS

Gütersloh, 25.01.2019


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1 Approvals

By signing/dating in the space provided below, the following representatives indicate approval of the present document.

Arvato approvals

Name:		Signature:	
Role:	(Author)		
Date:			

Name:		Signature:	
Role:	(Reviewer)		
Date:			


Name:		Signature:	
Role:	(QA Review)		
Date:			

Name:		Signature:	
Role:	(Approver)		
Date:			

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2 Change History

Date	Version	Change Description	Author
26.06.2017	0.1	Initial document	
19.07.2017	0.2	- Priority 1 Test cases implemented - Other sections filled	
08.08.2017	0.3	- Filled How to use section - Revised test case structure	
12.10.2017	0.4	- Overview test system - Reworked chapter Test data - Clean-ups	
26.10.2017	0.5	- Unified names - Clarified document purpose - Clean-ups	
23.11.2017	0.6	- Updated Links - Clean-ups	
28.11.2017	0.7	- Clean-ups	
07.12.2017	1.0	- Review/clean ups	
07.12.2017	1.1	- Final review	
06.03.2018	1.2	- Make descriptions more generic regarding the used webservice interface	
12.04.2018	2.0	- Priority 2 test cases implemented - Clean ups	
27.08.2018	2.03	- Alignment of test cases and description	

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Date	Version	Change Description	Author
24.09.2018	2.04	<ul style="list-style-type: none"> - Chapter 8.4.4: correction of the return code in test case TC-G120-05, test step 2, use-case G120 - Chapter 8.5: elimination of test case TC-G121-05 - Chapter 8.7: elimination of test case TC-G127-04 	
23.10.2018	2.05	“For test purposes only” - note added to test descriptions	
25.01.2019	3.00	Reduction of teststeps to relevant cases for the Baseline Testing	

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Introduction

The National Medicine Verification System (“NMVS”) is the answer to the system requirements based on the EU legislation EU/2011/62 (“Falsified Medicines Directive“). The scope and the specification of the so called ‘Blue Print Solution’ was defined by the European Medical Verification Organization (“EMVO”). It is made clear that Arvato Systems is solely responsible for the implementation of the specification and **not** for any functional definitions and/or any performance requirements. The specification may be changed or modified from time to time by the EMVO, so that adjustments or changes of the functionality by the publishing date of this document may become necessary. In no circumstances is the respective stakeholder entitled to charge Arvato Systems for any additional costs or work that may arise for the wholesaler / pharmacy software system due to these changes by national authorities.


Arvato Systems will inform the respective stakeholder about changes of the specification, due date of the implementation and the availability of new system features in the NMVS. Software vendors have to consider and plan these changes in their release planning to be compliant with the legislation. Arvato Systems shall be not liable whatsoever for any delays in the wholesaler / pharmacy software system development.

Arvato Systems is also not responsible for the quality of stored product data in the NMVS. Data will be submitted from the Marketing Authorization Holder (“MAH“) via the European hub to the NMVS.

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4 Introduction

4.1 Purpose of Document

This manual describes the test cases, which can be executed by software suppliers that connect to the NMVS. These test cases offer the possibility to verify the integration of the software supplier system to the NMVS. Moreover, Arvato Systems provides test data, i.e. test pack sets, which are needed to execute the test cases described. A detailed description of these data and the procedure how to get them are also part of the present document.

The test cases are created in order to represent logical chains of business processes, which enables the software supplier to create most of the needed package states by himself, e.g., for verification of a dispensed pack, this pack will be prepared beforehand by dispensing an active pack. For complex preconditions or states that are only achievable by MAH processes, e.g., batch recall, Arvato Systems provides the prepared pack data as part of the test pack set.

The document has been written for software suppliers of the distributors or other persons who are authorized or entitled to supply medicinal products to the public and who want to integrate the NMVS API into their software product.

Readers of this document are expected to be familiar with software development, web services, SOAP or REST.

This document is a guideline to test different scenarios which can accrue in the operative phase. The mentioned test scenarios are only for testing purposes on the Arvato Systems Blueprint System (Sandbox). Therefore it is possible to create as many test pack sets as necessary to verify your software and bring it into a baseline ready state. The Baseline testing process is described on the Software Supplier (SWS) Portal in the Baseline Testing section.

4.2 Delimitation

The test cases and test data described in this document refer to the NMVS blue print version 1.02. Special incidents and failure scenarios are not part of the test cases:

- technical incidents, e.g., internal errors
- incidents due to technical incorrect input, e.g., invalid XML format
- user authentication issues, e.g., password expired or missing user rights

4.3 Reference Documentation and Resources


This document focuses on the test cases for the integration of the software supplier system to the NMVS blue print system. Further details of the “Interface Description”, the business processes and the onboarding procedure can be found in the related documents. You can find them on the NMVS Portal <http://sws-nmvs.eu/portal/documentation>

- **Manuels:** FD-002 Implementation Guideline NMVS.pdf
- **Technical Documentation:** TD-001 BP 1.3 ID - G100 Distributor Transactions.xlsx
- **Technical Documentation:** TD-014 BP 1.3 ID - Catalog Translations.xlsx
- **Technical Documentation:** Csharp_Java_SoapUI_Examples_1.03.001_v1.zip

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4.4 Terminology

NMVS National Medicines Verification System – the system providing this API

Distributors Points of dispense e.g. pharmacies, parallel distributors and wholesalers and more

Client system The system using the NMVS API

n/a Not available: no data needed or expected

Test pack A test pack describes a virtual pack (folding box) with a randomly generated serial number.

For simplicity within the test case, the test pack will be referred to as pack.

For details see section 7.1.2.

Test run Describes the execution of the test cases listed within this document (chapter 8).

Test pack set Describes the full set of test packs required to perform a complete test run.

For details refer to section 7.1.1.


SWS Software Supplier

Shared-INTE Shared Integration Environment also referred to as Sandbox

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5 Feedback Procedure

If you face any issues or you have further questions regarding this document, you can leave us a message through the SWS Portal or you can write us an email: Support@sws-nmvs.eu.

Please make sure to check the FAQ section on the SWS Portal before contacting the support.

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6 Test System

6.1 Overview

All test runs will be executed on the test system of the NMVS provided and managed by Arvato Systems. This system is called Shared-Integration Environment (Shared-INTE) or software supplier Sandbox. The Shared-INTE is connected to an EU-Hub-Mock which simulates the behavior of the real EU-Hub. For test execution, the software supplier connects to the Shared-INTE. Arvato Systems will provide the connection and access data.

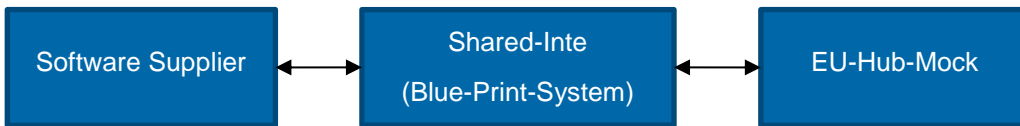


Figure 1: Overview of the Verification System


6.2 Available Clients and Roles

The Shared-INTE provides a default set of clients. Each client is associated with a specific organization type. Table 1 lists the configured association of clients and organization types on Shared-INTE.

Client	Organization type
TEST-PHARMACY	Pharmacy
TEST-WHOLESALE	Wholesaler
TEST-HOSPITAL	Hospital

Table 1: Client Organization Type Association

For convenient verification there is one role defined on Shared-INTE, the EXPERT role. The EXPERT role grand access to all G1xx processes. The final rights grand to a user depends on the client and its associated organization type.

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7 Test Data

7.1.1 How to get a New Test Pack Set

You can generate test packs on the SWS Portal in the *Test & Fix* section. There you will find an area *Create a test pack set right here*, where you can generate test packs.

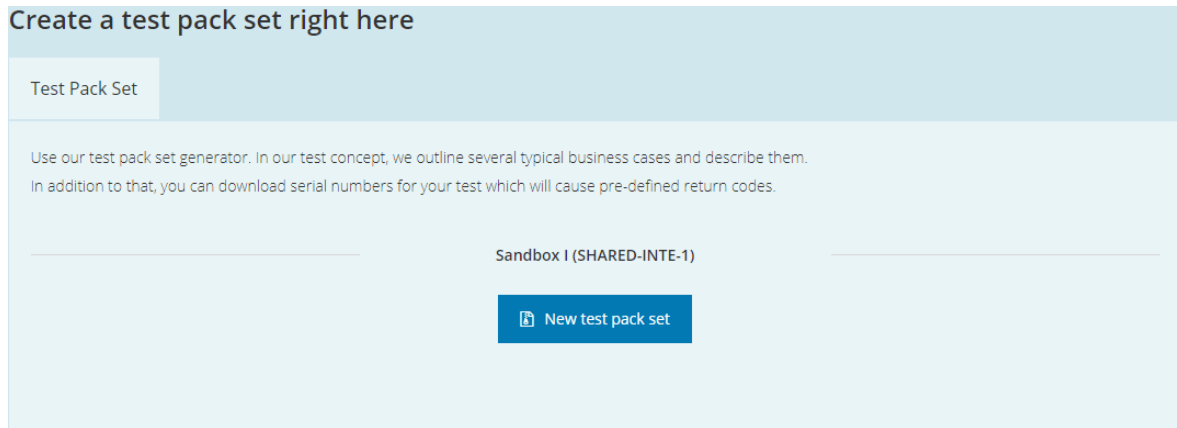


Figure 2: Create a Test Pack Set on the SWS Portal

After selecting the *New test pack set*, you will have to enter a test pack set name and a description as shown below. Your entered test set name will be part of the test pack file name. It will contain a prefix number with your chosen name. By clicking the *Generate* button, your test pack set is created.

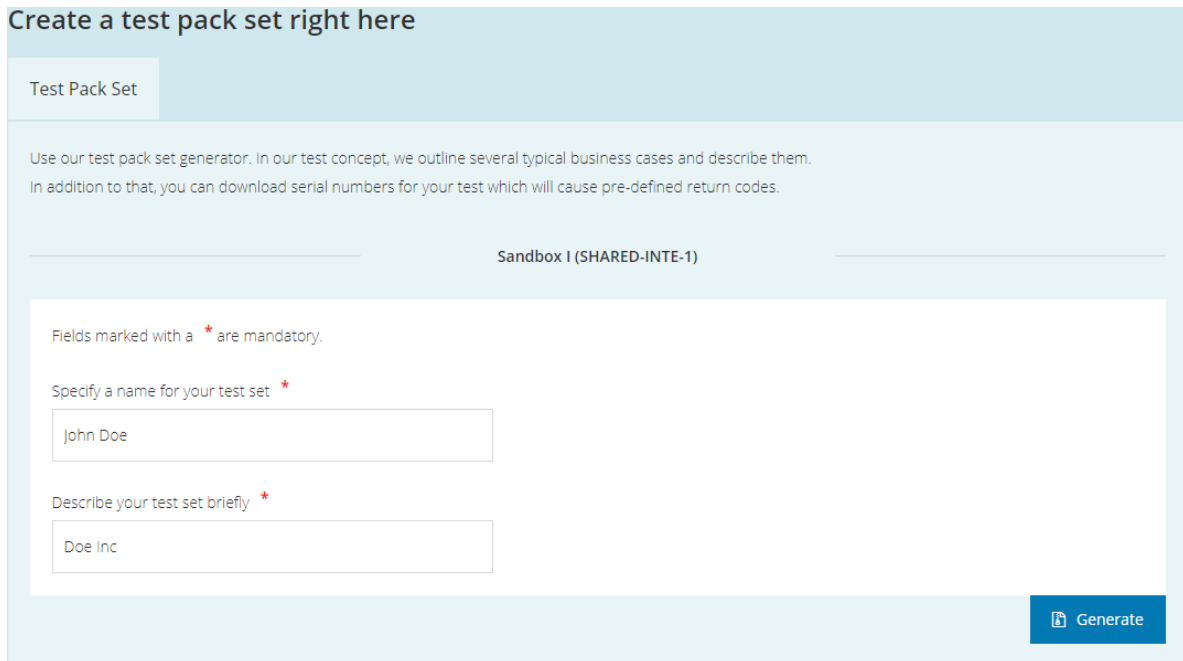



Figure 3: Create a Test Pack Set on the SWS Portal with Mandatory Fields

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Now you can download the created test pack set.

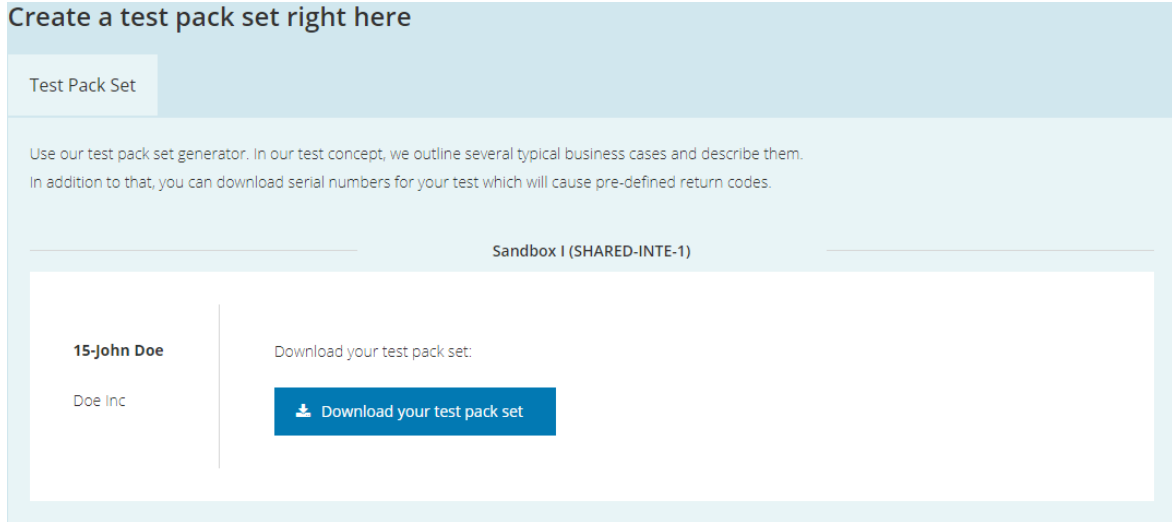


Figure 4: Download the Created Test Pack Set

Afterwards the downloaded test pack set will be shown in the View test results and used test pack sets section below.

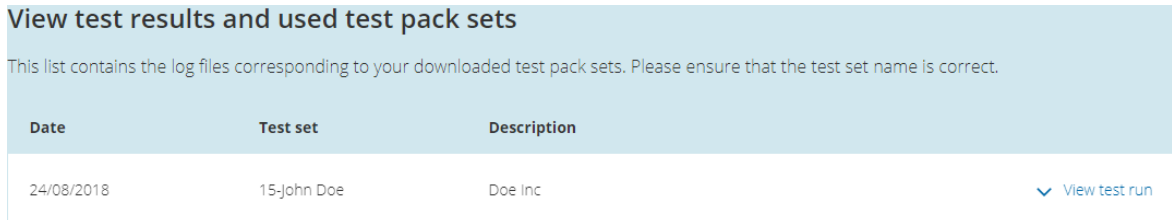


Figure 5: Test Results and Used Test Pack Section on SWS Portal

If further test packs are required, you can repeat the above described procedure.

7.1.2 Test Packs

Each test pack set consists of a number of test packs sharing identical properties and states. These test packs are referred by a logical ID, e.g., PK001. The test pack IDs are used as placeholders for the serial numbers generated and provided by Arvato Systems (see section 7.1.1). A short overview of the test packs, their corresponding test cases and their initial states are shown in Table 2.


If you open the csv-file you see something similar to Table 4.

Test Pack ID	Test Case ID	Serial Number Type	Initial State
PK001	TC-G110-01	GTIN	ACTIVE
PK002	TC-G110-14	GTIN	ACTIVE

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Test Pack ID	Test Case ID	Serial Number Type	Initial State
PK003	TC-G110-15	GTIN	ACTIVE
PK004 – PK008	TC-G115-01	GTIN	ACTIVE
PK009 – PK013	TC-G115-14	GTIN	ACTIVE
PK014 – PK018	TC-G115-15	GTIN	ACTIVE
PK019	TC-G120-01	GTIN	ACTIVE
PK020	Not used		
PK021	TC-G120-03	GTIN	ACTIVE
PK022	TC-G120-04	GTIN	ACTIVE
PK023 – PK027	TC-G125-01	GTIN	ACTIVE
PK028 – PK032	Not used		
PK033 – PK037	TC-G125-03	GTIN	ACTIVE
PK038 – PK042	TC-G125-04	GTIN	ACTIVE
PK043	TC-G130-01	GTIN	ACTIVE
PK044 – PK048	TC-G135-01	GTIN	ACTIVE
PK049	TC-G140-01	GTIN	ACTIVE
PK050 – PK054	TC-G145-01	GTIN	ACTIVE
PK055	TC-G150-01	GTIN	ACTIVE
PK056 – PK060	TC-G155-01	GTIN	ACTIVE
PK061	TC-G160-01	GTIN	ACTIVE
PK062 – PK066	TC-G165-01	GTIN	ACTIVE
PK067	TC-G170-01	GTIN	ACTIVE
PK068 – PK072	TC-G175-01	GTIN	ACTIVE
PK073	TC-G180-01	GTIN	ACTIVE
PK074 – PK078	TC-G185-01	GTIN	ACTIVE
PK079 – PK087	TC-G195-01	GTIN	ACTIVE
PK088 – PK096	TC-G195-02	GTIN	ACTIVE
PK097 – PK105	TC-G195-03	GTIN	ACTIVE
PK106 – PK114	TC-G195-04	GTIN	ACTIVE
PK115 – PK123	TC-G195-05	GTIN	ACTIVE
PK124 – PK132	TC-G195-11	GTIN	ACTIVE
PK133 – PK141	TC-G195-12	GTIN	ACTIVE
PK142 – PK150	TC-G195-14	GTIN	ACTIVE
PK151	TC-G110-02	GTIN	INACTIVE
PK152 – PK156	TC-G115-02	GTIN	INACTIVE
PK157	TC-G120-05	GTIN	INACTIVE
PK158	TC-G121-01	GTIN	INACTIVE
PK159	Not used		

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Test Pack ID	Test Case ID	Serial Number Type	Initial State
PK160	Not used		
PK161	TC-G121-04	GTIN	INACTIVE
PK162	Not used		
PK163	TC-G121-06	GTIN	INACTIVE
PK164	TC-G121-07	GTIN	INACTIVE
PK165	Not used		
PK166	TC-G121-10	GTIN	INACTIVE
PK167 – PK171	TC-G125-05	GTIN	INACTIVE
PK172 – PK176	TC-G127-01	GTIN	INACTIVE
PK177 – PK181	Not used		
PK182 – PK186	TC-G127-03	GTIN	INACTIVE
PK187 – PK191	Not used		
PK192 – PK196	TC-G127-05	GTIN	INACTIVE
PK197 – PK201	TC-G127-06	GTIN	INACTIVE
PK202 – PK206	Not used		
PK207 – PK211	TC-G127-09	GTIN	INACTIVE
PK212 – PK214	TC-G195-06	GTIN	INACTIVE
PK215 – PK217	TC-G195-09	GTIN	INACTIVE
PK218 – PK226	TC-G195-13	GTIN	INACTIVE
PK227	TC-G110-03	GTIN	INACTIVE
PK228 – PK232	TC-G115-03	GTIN	INACTIVE
PK233	TC-G121-08	GTIN	INACTIVE
PK234 – PK238	TC-G127-07	GTIN	INACTIVE
PK254	TC-G110-04	GTIN	INACTIVE
PK255 – PK259	TC-G115-04	GTIN	INACTIVE
PK260	TC-G141-01	GTIN	INACTIVE
PK261 – PK265	TC-G147-01	GTIN	INACTIVE
PK266 – PK268	TC-G195-07	GTIN	INACTIVE
PK269 – PK271	TC-G195-10	GTIN	INACTIVE
PK272	TC-G110-08	GTIN	INACTIVE
PK273 – PK277	TC-G115-08	GTIN	INACTIVE
PK278	TC-G151-01	GTIN	INACTIVE
PK279 – PK283	TC-G157-01	GTIN	INACTIVE
PK284 – PK286	TC-G195-06	GTIN	INACTIVE
PK287 – PK289	TC-G195-08	GTIN	INACTIVE
PK290	TC-G110-05	GTIN	INACTIVE
PK291 – PK295	TC-G115-05	GTIN	INACTIVE

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Test Pack ID	Test Case ID	Serial Number Type	Initial State
PK296	TC-G161-01	GTIN	INACTIVE
PK297 – PK301	TC-G167-01	GTIN	INACTIVE
PK302 – PK304	TC-G195-07	GTIN	INACTIVE
PK305 – PK307	TC-G195-09	GTIN	INACTIVE
PK308	TC-G110-06	GTIN	INACTIVE
PK309 – PK313	TC-G115-06	GTIN	INACTIVE
PK314	TC-G171-01	GTIN	INACTIVE
PK315 – PK319	TC-G177-01	GTIN	INACTIVE
PK320 – PK322	TC-G195-08	GTIN	INACTIVE
PK323 – PK325	TC-G195-10	GTIN	INACTIVE
PK326	TC-G110-07	GTIN	INACTIVE
PK327 – PK331	TC-G115-07	GTIN	INACTIVE
PK344	TC-G110-09	GTIN	INACTIVE
PK345 – PK349	TC-G115-09	GTIN	INACTIVE
PK350	TC-G110-10	GTIN	INACTIVE
PK351 – PK355	TC-G115-10	GTIN	INACTIVE
PK356	TC-G110-11	GTIN	INACTIVE
PK357 – PK361	TC-G115-11	GTIN	INACTIVE
PK362	TC-G110-12	GTIN	INACTIVE
PK363 – PK367	TC-G115-12	GTIN	INACTIVE

Table 2: Test Pack IDs and Test Cases

7.1.3 Log Data


In the *Test & Fix* section below *View test results and used test pack sets* you can review the different process transaction logs of your tests.

View test results and used test pack sets

This list contains the log files corresponding to your downloaded test pack sets. Please ensure that the test set name is correct.

Date	Test set	Description	
24/08/2018	15-John Doe	Doe Inc	View test run

Figure 6: View of the Test Pack Log

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To use this feature, it is important to use the name of the downloaded test pack set within the name-attribute of the *UserSoftware* tag. For example, if the name of the downloaded test pack set is “**15-John Doe.zip**” the corresponding name attribute within the XML tag must be set to the same value, as shown in Table 3.

```

...
<urn1:UserSoftware urn1:name=" 15-John Doe" urn1:supplier="..." urn1:version="..."/>
...

```

Table 3: Excerpt of XML Structure for Protocol

View test results and used test pack sets


This list contains the log files corresponding to your downloaded test pack sets. Please ensure that the test set name is correct.

Date	Test set	Description	
24/08/2018	15-John Doe	Doe Inc	View test run
20/06/2018	ChangePW1	G445	Request details
20/06/2018	Dispense1	G120	Request details
20/06/2018	Dispense1	G120	Request details
20/06/2018	DestroyError	G130	Request details
26/06/2018	Dispense1	G120	Request details
26/06/2018	BulkDispense	G115	Request details
26/06/2018	G188	G188	Request details

Figure 7: View of Logs in the Test & Fix Section

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Test Pack IDs	Test Case ID	Product Description	Scheme	Product-code	Batch-identification	Expiry Date	Serialnumber	Packstate	Packstate Reasons	Create Date
PK001	TC-G110-01	DESCRIPTION	GTIN	4150543259444	TESTBATCH	10/23/22	PK104236A8309054A	ACTIVE		10/23/17
PK002	TC-G115-01	DESCRIPTION	GTIN	4150543259444	TESTBATCH	10/23/22	PK2D380886BA8C244	INACTIVE	DESTROYED	10/23/17

Table 4: Example View of Test Pack Set

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8 Test Cases

8.1 How to Use the Test Cases

You should always read the test case and understand its purpose before starting the execution. Most test cases are in fact scenarios containing different steps. Some of them even require data from a previous step.

We advise you to store every data sent to and received from NMVS. For clear identification, you can use the test case ID and step number in combination with suffixes like 'IN' and 'OUT'. Furthermore, you should include a timestamp within test date. An example of a request sent to NMVS could look like "170808_1430_TC_G110_01_01_IN"

Each test case starts with an overview as shown in Table 5. This overview summarizes the main keynotes of the tests as which are:

ID: Unique ID to identify each test case. It is composed of the prefix "TC", the use case ID (e.g. G110) and a consecutive test case number. For each use case the test case numbers starts from "01". An example of an ID is "TC-G110-01". Which means this test case is the first within the use case G110.

Name: A human readable name, giving short clue on the test scope.

Description: A brief description of the test scope.

Alternatives: In some cases, e.g. due to business case requirements, the software does not provide the full capability of the NMVS to execute the preparation step of a test case. In such cases, alternative paths through the test case are provided here.

Required Use Cases: Overview of the required transaction processes for the use cases.

Test Data: Gives a quick hint which test data should be used for the main path as well as for the possible alternatives.

Acceptance Criteria: Most test cases are scenarios containing different steps that have to be worked through. The example below shows such a scenario. As you can see, there are two steps (T4, T8) that need a certain return code. If the response codes meet the acceptance criteria, the test case is completed successful. In the following example this is illustrated by "T4: [...]" and "T8: [...]", which means that step 4 has to meet the criteria "Returned Return Code NMVS_SUCCESS" and step 8 has to meet the criteria "Returned Return Code NMVS_ERROR".


ID	TC-G###-##
Name	Test case name
Description	Short description of the test case scope
Alternatives	A1: If G### can't be performed start with T3.
Required Use Cases	G###
Test data	Main: DummyPack01 A1: DummyPack42
Acceptance Criteria	T4: Returned Return Code NMVS_SUCCESS T8: Returned Return Code NMVS_ERROR

Table 5: Example of Test Case Overview

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The next part of the test case shows the included steps for the test execution. Table 6 shows an example of its structure.

Step: Identifies the step within the test case execution.

Use-Case: Indicates the use-case that must be used in this step

Remarks: This column contains additional information for the current step, like use case name or execution hints.

Data: The required data for the respective step are listed here. Further details for the test data are described in chapter 7. The data is separated into input, short **IN**, and output, short **OUT**. A single test step can use more than one test data entity. In such case each data entry is listed in its own line. In some cases data generated and returned by the system has to be stored for later use. The transaction ID is the most common of such generated data. In case of bulk requests the data has to be used for different packs. In such cases the data is per preceded by the pack to use. For example the entry “Pack1: PK001” within a step means the serial number identified by the ID “PK001” must be used for the first package, were as the entry “Pack4: PK011” means that the serial number identified by “PK011” must be used for the fourth package.

Expected Result: This column is divided in three sub-columns and summaries the expected key result data. Therefore, only the output area contains data. The input area is in grey colour, due to fixed states of the used packs in the NMVS.

Return Code: The return code returned by the NMVS for the data entry of the same line within the test step.

State: The state returned by NMVS for the data entry of the same line within the test step.

Reason: The reason returned by NMVS for the data entry of same line within the test step.


Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G110	Verify the pack	IN:			
			PK001			
			OUT:			
			PK001	NMVS_SUCCESS	ACTIVE	n/a
...
T8	G1xx	The Tester manipulate the TransactionID from step T7.	IN:			
			TransactionID			
			Pack1: PK001			
			Pack2: PK002			
			Pack2: PK003			
			OUT:			
			TransactionID	NMVS_ERROR	n/a	n/a
			PK001	NMVS_SUCCESS	INACTIVE	SUPPLIED
PK002	NMVS_SUCCESS	INACTIVE	DESTROYED			

Table 6: Example of Test Instructions

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Further information about sent requests and responses can be found in the Implementations Guide (see link in Chapter 4.3).

NOTE: The test steps, described in that document, do not implicitly mirror the expected / needed behaviour for the later usage in IQE and production. The test steps are needed to fulfil the predefined test cases only e.g.:

Dispense Single Pack


Step	Use-Case	Remarks
T1	G110	Verify that pack
T2	G120	Dispense pack
T3	G110	Verify that pack

Steps T1 and T3 are only needed to fulfil the acceptance criteria for the base line testing. To perform a DISPENSE only the process G120 is needed on IQE and PROD.

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8.2 G110 – Verify Single Pack

8.2.1 TC-G110-01 Verify Single Pack Successful – Status Active

ID	TC-G110-01
Name	Verify single pack successful – Status Active
Description	A single pack with the status Active will be verified. The system shall return the respective status.
Alternatives	n/a
Required Use Cases	G110
Test data	PK001
Acceptance Criteria	Return of state Active without reason

Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G110	Verify the pack	IN:			
			PK001			
			OUT:			
			PK001	NMVS_SUCCESS	ACTIVE	n/a

8.2.2 TC-G110-02 Verify Single Pack Successful – Status Inactive – Supplied

ID	TC-G110-02
Name	Verify single pack successful – Status Inactive – Supplied
Description	A single pack with the status Inactive and the reason Supplied will be verified. The system shall return the respective status.
Alternatives	n/a
Required Use Cases	G110
Test Data	PK151
Acceptance Criteria	Return of state Inactive with reason supplied


Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G110	Verify the pack	IN:			
			PK151			
			OUT:			
			PK151	NMVS_SUCCESS	INACTIVE	SUPPLIED

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8.2.3 TC-G110-03 Verify Single Pack Successful – Status Inactive – Destroyed

ID	TC-G110-03
Name	Verify single pack successful – Status Inactive – Destroyed
Description	A single pack with the status Inactive and the reason destroyed will be verified. The system shall return the respective status.
Alternatives	n/a
Required Use Cases	G110
Test data	PK227
Acceptance Criteria	Return of state Inactive with reason destroyed

Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G110	Verify the pack	IN:			
			PK227			
			OUT:			
			PK227	NMVS_SUCCESS	INACTIVE	DESTROYED

8.2.4 TC-G110-04 Verify Single Pack Successful – Status Inactive – Exported

ID	TC-G110-04
Name	Verify single pack successful – Status Inactive – Exported
Description	A single pack with the status Inactive and the reason exported will be verified. The system shall return the respective status.
Alternatives	n/a
Required Use Cases	G110
Test data	PK254
Acceptance Criteria	Return of state Inactive with reason exported


Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G110	Verify the pack	IN:			
			PK254			
			OUT:			
			PK254	NMVS_SUCCESS	INACTIVE	EXPORTED

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8.2.5 TC-G110-05 Verify Single Pack Successful – Status Inactive – Free Sample

ID	TC-G110-05
Name	Verify single pack successful – Status Inactive – Free Sample
Description	A single pack with the status Inactive and the reason free sample will be verified. The system shall return the respective status.
Alternatives	n/a
Required Use Cases	G110
Test data	PK290
Acceptance Criteria	Return of state Inactive with reason free sample

Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G110	Verify the pack	IN:			
			PK290			
			OUT:			
			PK290	NMVS_SUCCESS	INACTIVE	FREESAMPLE

8.2.6 TC-G110-06 Verify Single Pack Successful – Status Inactive – Locked

ID	TC-G110-06
Name	Verify single pack successful – Status Inactive – Locked
Description	A single pack with the status Inactive and the reason locked will be verified. The system shall return the respective status.
Alternatives	n/a
Required Use Cases	G110
Test data	PK308
Acceptance Criteria	Return of state Inactive with reason locked


Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G110	Verify the pack	IN:			
			PK308			
			OUT:			
			PK308	NMVS_SUCCESS	INACTIVE	LOCKED

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8.2.7 TC-G110-07 Verify Single Pack Successful – Status Inactive – Stolen

ID	TC-G110-07
Name	Verify single pack successful – Status Inactive – Stolen
Description	A single pack with the status Inactive and the reason stolen will be verified. The system shall return the respective status.
Alternatives	n/a
Required Use Cases	G110
Test data	PK326
Acceptance Criteria	Return of state Inactive with reason stolen

Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G110	Verify the pack	IN:			
			PK326			
			OUT:			
			PK326	NMVS_SUCCESS	INACTIVE	STOLEN

8.2.8 TC-G110-08 Verify Single Pack Successful – Status Inactive – Sample

ID	TC-G110-08
Name	Verify single pack successful – Status Inactive – Sample
Description	A single pack with the status Inactive and the reason sample will be verified. The system shall return the respective status.
Alternatives	n/a
Required Use Cases	G110
Test data	PK272
Acceptance Criteria	Return of state Inactive with reason sample


Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G110	Verify the pack	IN:			
			PK272			
			OUT:			
			PK272	NMVS_SUCCESS	INACTIVE	SAMPLE

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8.2.9 TC-G110-09 Verify Single Pack Successful – Status Inactive – Checked Out

ID	TC-G110-09
Name	Verify single pack successful – Status Inactive – Checked Out
Description	A single pack with the status Inactive and the reason checked out will be verified. The system shall return the respective status.
Alternatives	n/a
Required Use Cases	G110
Test data	PK344
Acceptance Criteria	Return of state Inactive with reason checked out

Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G110	Verify the pack	IN:			
			PK344			
			OUT:			
			PK344	NMVS_SUCCESS	INACTIVE	CHECKEDOUT

8.2.10 TC-G110-10 Verify Single Pack Successful – Status Inactive - Recalled

ID	TC-G110-10
Name	Verify single pack successful – Status Inactive – Recalled
Description	A single pack with the status Inactive and the reason recalled will be verified. The system shall return the respective status.
Alternatives	n/a
Required Use Cases	G110
Test data	PK350
Acceptance Criteria	Return of state Inactive with reason recalled


Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G110	Verify the pack	IN:			
			PK350			
			OUT:			
			PK350	NMVS_SUCCESS	INACTIVE	RECALLED

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8.2.11 TC-G110-11 Verify Single Pack Successful – Status Inactive - Expired

ID	TC-G110-11
Name	Verify single pack successful – Status Inactive – Expired
Description	A single pack with the status Inactive and the reason expired will be verified. The system shall return the respective status.
Alternatives	n/a
Required Use Cases	G110
Test data	PK356
Acceptance Criteria	Return of state Inactive with reason expired

Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G110	Verify the pack	IN:			
			PK356			
			OUT:			
			PK356	NMVS_SUCCESS	INACTIVE	EXPIRED

8.2.12 TC-G110-12 Verify Single Pack Successful – Status Inactive - Withdrawn


ID	TC-G110-12
Name	Verify single pack successful – Status Inactive – Withdrawn
Description	A single pack with the status Inactive and the reason withdrawn will be verified. The system shall return the respective status.
Alternatives	n/a
Required Use Cases	G110
Test data	PK362
Acceptance Criteria	Return of state Inactive with reason withdrawn

Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G110	Verify the pack	IN:			
			PK362			
			OUT:			
			PK362	NMVS_SUCCESS	INACTIVE	WITHDRAWN

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8.2.13 TC-G110-14 Verify Single Pack not Successful

ID	TC-G110-14
Name	Verify single pack not successful
Description	A single pack where the batch data could not be found in the NMVS-database of the NMVS will be verified. The system shall return an error message. Please change the provided batch-identification of the test package. It is sufficient to change the first letter of the batch-identification.
Alternatives	n/a
Required Use Cases	G110
Test data	PK002
Acceptance Criteria	Return NMVS_FE_LOT_03 for verify request

Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G110	Verify the pack	IN:			
			PK002			
			OUT:			
			PK002	NMVS_FE_LOT_13	UNKNOWN	n/a

8.2.14 TC-G110-15 Verify Single Pack not Successful

ID	TC-G110-15
Name	Verify single pack not successful
Description	A single pack with a unknown product code will be verified. The system shall return an error message. Please change the provided product code of the test package. It is sufficient to change the first number of the product code.
Alternatives	n/a
Required Use Cases	G110
Test data	PK003
Acceptance Criteria	Return NMVS_NC_PC_01 for verify request


Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G110	Verify the pack	IN:			
			PK003			
			OUT:			
			PK003	NMVS_NC_PC_01	unknown	n/a

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8.3 G115 – Bulk Verify

8.3.1 TC-G115-01 Bulk Verify Successful – All Packs Active


ID	TC-G115-01
Name	Bulk verify successful – All packs Active
Description	Five packs with the status Active will be verified. The system returns the respective status for each pack.
Alternatives	n/a
Required Use Cases	G115, G188
Test data	PK004 – PK008
Acceptance Criteria	T1: Return NMVS_SUCCESS for bulk verify request T2: Return of the respective status without reason for each pack

Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G115	Verify all packs. The tester stores the Transaction ID of the response.	IN:			
			Pack1: PK004			
			Pack2: PK005			
			Pack3: PK006			
			Pack4: PK007			
			Pack5: PK008			
			OUT:			
	TransactionID	NMVS_SUCCESS	n/a	n/a		
T2	G188	Check bulk result. If system returns NMVS_FE_TX_02, repeat this step.	IN:			
			TransactionID: result of T1			
			OUT:			
			Pack1: PK004	NMVS_SUCCESS	ACTIVE	n/a
			Pack2: PK005	NMVS_SUCCESS	ACTIVE	n/a
			Pack3: PK006	NMVS_SUCCESS	ACTIVE	n/a
			Pack4: PK007	NMVS_SUCCESS	ACTIVE	n/a
Pack5: PK008	NMVS_SUCCESS	ACTIVE	n/a			

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8.3.2 TC-G115-02 Bulk Verify Successful – All Packs Inactive – Supplied

ID	TC-G115-02
Name	Bulk verify successful – All packs Inactive – Supplied
Description	Five packs with the status <i>Inactive</i> and reason <i>Supplied</i> will be verified. The systems returns the respective status for each pack.
Alternatives	n/a
Required Use Cases	G115, G188
Test data	PK152 – PK156
Acceptance Criteria	T1: Return NMVS_SUCCESS for bulk verify request T2: Return of the respective status with reason <i>Supplied</i> for each pack


Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G115	Verify all packs. The tester stores the Transaction ID of the response.	IN:			
			Pack1: PK152			
			Pack2: PK153			
			Pack3: PK154			
			Pack4: PK155			
			Pack5: PK156			
			OUT:			
	TransactionID	NMVS_SUCCESS	n/a	n/a		
T2	G188	Check bulk result. If system returns NMVS_FE_TX_02, repeat this step.	IN:			
			TransactionID: result of T1			
			OUT:			
			Pack1: PK152	NMVS_SUCCESS	INACTIVE	SUPPLIED
			Pack2: PK153	NMVS_SUCCESS	INACTIVE	SUPPLIED
			Pack3: PK154	NMVS_SUCCESS	INACTIVE	SUPPLIED
			Pack4: PK155	NMVS_SUCCESS	INACTIVE	SUPPLIED
Pack5: PK156	NMVS_SUCCESS	INACTIVE	SUPPLIED			

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8.3.3 TC-G115-03 Bulk Verify Successful – All Packs Inactive – Destroyed

ID	TC-G115-03
Name	Bulk verify successful – All packs Inactive – Destroyed
Description	Five packs with the status Inactive and reason destroyed will be verified. The systems returns the respective status for each pack.
Alternatives	n/a
Required Use Cases	G115, G188
Test data	PK228 – PK232
Acceptance Criteria	T1: Return NMVS_SUCCESS for bulk verify request T2: Return of the respective status with reason destroyed for each pack


Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G115	Verify all packs. The tester stores the Transaction ID of the response.	IN:			
			Pack1: PK228			
			Pack2: PK229			
			Pack3: PK230			
			Pack4: PK231			
			Pack5: PK232			
			OUT:			
	TransactionID	NMVS_SUCCESS	n/a	n/a		
T2	G188	Check bulk result. If system returns NMVS_FE_TX_02, repeat this step.	IN:			
			TransactionID: result of T1			
			OUT:			
			Pack1: PK228	NMVS_SUCCESS	INACTIVE	DESTROYED
			Pack2: PK229	NMVS_SUCCESS	INACTIVE	DESTROYED
			Pack3: PK230	NMVS_SUCCESS	INACTIVE	DESTROYED
			Pack4: PK231	NMVS_SUCCESS	INACTIVE	DESTROYED
Pack5: PK232	NMVS_SUCCESS	INACTIVE	DESTROYED			

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8.3.4 TC-G115-04 Bulk Verify Successful – All Packs Inactive – Exported

ID	TC-G115-04
Name	Bulk verify successful – All packs Inactive – Exported
Description	Five packs with the status Inactive and reason exported will be verified. The systems returns the respective status for each pack.
Alternatives	n/a
Required Use Cases	G115, G188
Test data	PK255 – PK259
Acceptance Criteria	T1: Return NMVS_SUCCESS for bulk verify request T2: Return of the respective status with reason exported for each pack


Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G115	Verify all packs. The tester stores the Transaction ID of the response.	IN:			
			Pack1: PK255			
			Pack2: PK256			
			Pack3: PK257			
			Pack4: PK258			
			Pack5: PK259			
			OUT:			
		TransactionID	NMVS_SUCCESS	n/a	n/a	
T2	G188	Check bulk result. If system returns NMVS_FE_TX_02, repeat this step.	IN:			
			TransactionID: result of T1			
			OUT:			
			Pack1: PK255	NMVS_SUCCESS	INACTIVE	EXPORTED
			Pack2: PK256	NMVS_SUCCESS	INACTIVE	EXPORTED
			Pack3: PK257	NMVS_SUCCESS	INACTIVE	EXPORTED
			Pack4: PK258	NMVS_SUCCESS	INACTIVE	EXPORTED
Pack5: PK259	NMVS_SUCCESS	INACTIVE	EXPORTED			

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8.3.5 TC-G115-05 Bulk Verify Successful – All Packs Inactive – Free Sample

ID	TC-G115-05
Name	Bulk verify successful – All packs Inactive – Free Sample
Description	Five packs with the status Inactive and reason free sample will be verified. The systems returns the respective status for each pack.
Alternatives	n/a
Required Use Cases	G115, G188
Test data	PK291 – PK295
Acceptance Criteria	T1: Return NMVS_SUCCESS for bulk verify request T2: Return of the respective status with reason free sample for each pack


Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G115	Verify all packs. The tester stores the Transaction ID of the response.	IN:			
			Pack1: PK291			
			Pack2: PK292			
			Pack3: PK293			
			Pack4: PK294			
			Pack5: PK295			
			OUT:			
			TransactionID	NMVS_SUCCESS	n/a	n/a
T2	G188	Check bulk result. If system returns NMVS_FE_TX_02, repeat this step.	IN:			
			TransactionID: result of T1			
			OUT:			
			Pack1: PK291	NMVS_SUCCESS	INACTIVE	FREESAMPLE
			Pack2: PK292	NMVS_SUCCESS	INACTIVE	FREESAMPLE
			Pack3: PK293	NMVS_SUCCESS	INACTIVE	FREESAMPLE
			Pack4: PK294	NMVS_SUCCESS	INACTIVE	FREESAMPLE
			Pack5: PK295	NMVS_SUCCESS	INACTIVE	FREESAMPLE

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8.3.6 TC-G115-06 Bulk Verify Successful – All Packs Inactive – Locked

ID	TC-G115-06
Name	Bulk verify successful – All packs Inactive – Locked
Description	Five packs with the status Inactive and reason locked will be verified. The systems returns the respective status for each pack.
Alternatives	n/a
Required Use Cases	G115, G188
Test data	PK309 – PK313
Acceptance Criteria	T1: Return NMVS_SUCCESS for bulk verify request T2: Return of the respective status with reason locked for each pack


Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G115	Verify all packs. The tester stores the Transaction ID of the response.	IN:			
			Pack1: PK309			
			Pack2: PK310			
			Pack3: PK311			
			Pack4: PK312			
			Pack5: PK313			
			OUT:			
		TransactionID	NMVS_SUCCESS	n/a	n/a	
T2	G188	Check bulk result. If system returns NMVS_FE_TX_02, repeat this step.	IN:			
			TransactionID: result of T1			
			OUT:			
			Pack1: PK309	NMVS_SUCCESS	INACTIVE	LOCKED
			Pack2: PK310	NMVS_SUCCESS	INACTIVE	LOCKED
			Pack3: PK311	NMVS_SUCCESS	INACTIVE	LOCKED
			Pack4: PK312	NMVS_SUCCESS	INACTIVE	LOCKED
Pack5: PK313	NMVS_SUCCESS	INACTIVE	LOCKED			

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8.3.7 TC-G115-07 Bulk Verify Successful – All Packs Inactive – Stolen

ID	TC-G115-07
Name	Bulk verify successful – All packs Inactive – Stolen
Description	Five packs with the status Inactive and reason stolen will be verified. The systems returns the respective status for each pack.
Alternatives	n/a
Required Use Cases	G115, G188
Test Data	PK327 – PK331
Acceptance Criteria	T1: Return NMVS_SUCCESS for bulk verify request T2: Return of the respective status with reason stolen for each pack


Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G115	Verify all packs. The tester stores the Transaction ID of the response.	IN:			
			Pack1: PK327			
			Pack2: PK328			
			Pack3: PK329			
			Pack4: PK330			
			Pack5: PK331			
			OUT:			
		TransactionID	NMVS_SUCCESS	n/a	n/a	
T2	G188	Check bulk result. If system returns NMVS_FE_TX_02, repeat this step.	IN:			
			TransactionID: result of T1			
			OUT:			
			Pack1: PK327	NMVS_SUCCESS	INACTIVE	STOLEN
			Pack2: PK328	NMVS_SUCCESS	INACTIVE	STOLEN
			Pack3: PK329	NMVS_SUCCESS	INACTIVE	STOLEN
			Pack4: PK330	NMVS_SUCCESS	INACTIVE	STOLEN
Pack5: PK331	NMVS_SUCCESS	INACTIVE	STOLEN			

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8.3.8 TC-G115-08 Bulk Verify Successful – All Packs Inactive – Sample

ID	TC-G115-08
Name	Bulk verify successful – All packs Inactive – Sample
Description	Five packs with the status Inactive and reason sample will be verified. The systems returns the respective status for each pack.
Alternatives	n/a
Required Use Cases	G115, G188
Test Data	PK273 – PK277
Acceptance Criteria	T1: Return NMVS_SUCCESS for bulk verify request T2: Return of the respective status with reason sample for each pack


Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G115	Verify all packs. The tester stores the Transaction ID of the response.	IN:			
			Pack1: PK273			
			Pack2: PK274			
			Pack3: PK275			
			Pack4: PK276			
			Pack5: PK277			
			OUT:			
		TransactionID	NMVS_SUCCESS	n/a	n/a	
T2	G188	Check bulk result. If system returns NMVS_FE_TX_02, repeat this step.	IN:			
			TransactionID: result of T1			
			OUT:			
			Pack1: PK273	NMVS_SUCCESS	INACTIVE	SAMPLE
			Pack2: PK274	NMVS_SUCCESS	INACTIVE	SAMPLE
			Pack3: PK275	NMVS_SUCCESS	INACTIVE	SAMPLE
			Pack4: PK276	NMVS_SUCCESS	INACTIVE	SAMPLE
Pack5: PK277	NMVS_SUCCESS	INACTIVE	SAMPLE			

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8.3.9 TC-G115-09 Bulk Verify Successful – All Packs Inactive – Checked Out

ID	TC-G115-09
Name	Bulk verify successful – All packs Inactive – Checked Out
Description	Five packs with the status Inactive and reason checked out will be verified. The systems returns the respective status for each pack.
Alternatives	n/a
Required Use Cases	G115, G188
Test Data	PK345 – PK349
Acceptance Criteria	T1: Return NMVS_SUCCESS for bulk verify request T2: Return of the respective status with reason checked out for each pack


Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G115	Verify all packs. The tester stores the Transaction ID of the response.	IN:			
			Pack1: PK345			
			Pack2: PK346			
			Pack3: PK347			
			Pack4: PK348			
			Pack5: PK349			
			OUT:			
		TransactionID	NMVS_SUCCESS	n/a	n/a	
T2	G188	Check bulk result. If system returns NMVS_FE_TX_02, repeat this step.	IN:			
			TransactionID: result of T1			
			OUT:			
			Pack1: PK345	NMVS_SUCCESS	INACTIVE	CHECKEDOUT
			Pack2: PK346	NMVS_SUCCESS	INACTIVE	CHECKEDOUT
			Pack3: PK347	NMVS_SUCCESS	INACTIVE	CHECKEDOUT
			Pack4: PK348	NMVS_SUCCESS	INACTIVE	CHECKEDOUT
Pack5: PK349	NMVS_SUCCESS	INACTIVE	CHECKEDOUT			

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8.3.10 TC-G115-10 Bulk Verify Successful – All Packs Inactive – Recalled

ID	TC-G115-10
Name	Bulk verify successful – All packs Inactive – Recalled
Description	Five packs with the status Inactive and reason recalled will be verified. The systems returns the respective status for each pack.
Alternatives	n/a
Required Use Cases	G115, G188
Test Data	PK351 – PK355
Acceptance Criteria	T1: Return NMVS_SUCCESS for bulk verify request T2: Return of the respective status with reason recalled for each pack


Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G115	Verify all packs. The tester stores the Transaction ID of the response.	IN:			
			Pack1: PK351			
			Pack2: PK352			
			Pack3: PK353			
			Pack4: PK354			
			Pack5: PK355			
			OUT:			
		TransactionID	NMVS_SUCCESS	n/a	n/a	
T2	G188	Check bulk result. If system returns NMVS_FE_TX_02, repeat this step.	IN:			
			TransactionID: result of T1			
			OUT:			
			Pack1: PK351	NMVS_SUCCESS	INACTIVE	RECALLED
			Pack2: PK352	NMVS_SUCCESS	INACTIVE	RECALLED
			Pack3: PK353	NMVS_SUCCESS	INACTIVE	RECALLED
			Pack4: PK354	NMVS_SUCCESS	INACTIVE	RECALLED
Pack5: PK355	NMVS_SUCCESS	INACTIVE	RECALLED			

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8.3.11 TC-G115-11 Bulk Verify Successful – All Packs Inactive – Expired


ID	TC-G115-11
Name	Bulk verify successful – All packs Inactive – Expired
Description	Five packs with the status Inactive and reason expired will be verified. The systems returns the respective status for each pack.
Alternatives	n/a
Required Use Cases	G115, G188
Test Data	PK357 – PK361
Acceptance Criteria	T1: Return NMVS_SUCCESS for bulk verify request T2: Return of the respective status with reason expired for each pack

Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G115	Verify all packs. The tester stores the Transaction ID of the response.	IN:			
			Pack1: PK357			
			Pack2: PK358			
			Pack3: PK359			
			Pack4: PK360			
			Pack5: PK361			
			OUT:			
		TransactionID	NMVS_SUCCESS	n/a	n/a	
T2	G188	Check bulk result. If system returns NMVS_FE_TX_02, repeat this step.	IN:			
			TransactionID: result of T1			
			OUT:			
			Pack1: PK357	NMVS_SUCCESS	INACTIVE	EXPIRED
			Pack2: PK358	NMVS_SUCCESS	INACTIVE	EXPIRED
			Pack3: PK359	NMVS_SUCCESS	INACTIVE	EXPIRED
			Pack4: PK360	NMVS_SUCCESS	INACTIVE	EXPIRED
Pack5: PK361	NMVS_SUCCESS	INACTIVE	EXPIRED			

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8.3.12 TC-G115-12 Bulk Verify Successful – All Packs Inactive – Withdrawn


ID	TC-G115-12
Name	Bulk verify successful – All packs Inactive – Withdrawn
Description	Five packs with the status Inactive and reason withdrawn will be verified. The systems returns the respective status for each pack.
Alternatives	n/a
Required Use Cases	G115, G188
Test Data	PK363 – PK367
Acceptance Criteria	T1: Return NMVS_SUCCESS for bulk verify request T2: Return of the respective status with reason withdrawn for each pack

Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G115	Verify all packs. The tester stores the Transaction ID of the response.	IN:			
			Pack1: PK363			
			Pack2: PK364			
			Pack3: PK365			
			Pack4: PK366			
			Pack5: PK367			
			OUT:			
		TransactionID	NMVS_SUCCESS	n/a	n/a	
T2	G188	Check bulk result. If system returns NMVS_FE_TX_02, repeat this step.	IN:			
			TransactionID: result of T1			
			OUT:			
			Pack1: PK363	NMVS_SUCCESS	INACTIVE	WITHDRAWN
			Pack2: PK364	NMVS_SUCCESS	INACTIVE	WITHDRAWN
			Pack3: PK365	NMVS_SUCCESS	INACTIVE	WITHDRAWN
			Pack4: PK366	NMVS_SUCCESS	INACTIVE	WITHDRAWN
Pack5: PK367	NMVS_SUCCESS	INACTIVE	WITHDRAWN			

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8.3.13 TC-G115-14 Bulk Verify Packs not Successful


ID	TC-G115-14
Name	Bulk verify packs not successful
Description	Five packs where the batch data could not be found in the NMVS-database of the NMVS will be verified. The system shall return an error message. Please change the provided batch-identification of the test package. It is sufficient to change the first letter of the batch-identification.
Alternatives	n/a
Required Use Cases	G115
Test Data	PK009 – PK013
Acceptance Criteria	Return NMVS_FE_LOT_03 for bulk verify request

Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G115	Verify all packs. The tester stores the Transaction ID of the response.	IN:			
			Pack1: PK009			
			Pack2: PK010			
			Pack3: PK011			
			Pack4: PK012			
			Pack5: PK013			
		OUT:				
		TransactionID	NMVS_SUCCESS	n/a	n/a	
T2	G188	Check bulk result. If system returns NMVS_FE_TX_02, repeat this step.	IN:			
			TransactionID: result of T1			
			OUT:			
		TransactionID	NMVS_FE_LOT_03	n/a	n/a	

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8.3.14 TC-G115-15 Bulk Verify Packs not Successful


ID	TC-G115-15
Name	Bulk verify packs not successful
Description	Five packs with an unknown product code will be verified. The system shall return an error message. Please change the provided product code of the test package. It is sufficient to change the first number of the product code.
Alternatives	n/a
Required Use Cases	G115
Test Data	PK014 – PK018
Acceptance Criteria	Return NMVS_NC_PC_01 for bulk verify request

Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G115	Verify all packs. The tester stores the Transaction ID of the response.	IN:			
			Pack1: PK014			
			Pack2: PK015			
			Pack3: PK016			
			Pack4: PK017			
			Pack5: PK018			
		OUT:				
		TransactionID	NMVS_SUCCESS	n/a	n/a	
T2	G188	Check bulk result. If system returns NMVS_FE_TX_02, repeat this step.	IN:			
			TransactionID: result of T1			
			OUT:			
		TransactionID	NMVS_NC_PC_01	n/a	n/a	

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8.4 G120 – Dispense Single Pack

8.4.1 TC-G120-01 Dispense single pack successful

ID	TC-G120-01
Name	Dispense single pack successful
Description	A single pack will be dispensed. In addition, this pack will be verified before and after dispense.
Alternatives	n/a
Required Use Cases	G120
Test Data	PK019
Acceptance Criteria	T1: G120 successful with respective state Inactive and Reason Supplied

Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G120	Dispense pack	IN:			
			PK019			
			OUT:			
			PK019	NMVS_SUCCESS	INACTIVE	SUPPLIED

8.4.2 TC-G120-03 Dispense Single Pack not Successful

ID	TC-G120-03
Name	Dispense single pack not successful
Description	A single pack where the batch data could not be found in the NMVS-database of the NMVS will be supplied. Please change the provided batch-identification of the test package. It is sufficient to change the first letter of the batch-identification.
Alternatives	n/a
Required Use Cases	G120
Test Data	PK021
Acceptance Criteria	Return NMVS_FE_LOT_03


Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G120	Dispense pack	IN:			
			PK021			
			OUT:			
			PK021	NMVS_FE_LOT_13	n/a	n/a

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8.4.3 TC-G120-04 Dispense Single Pack not Successful

ID	TC-G120-04
Name	Dispense single pack not successful
Description	A single pack with an unknown product code will be supplied. Please change the provided product code of the test package. It is sufficient to change the first number of the product code.
Alternatives	n/a
Required Use Cases	G120
Test Data	PK022
Acceptance Criteria	Return NMVS_NC_PC_01

Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G120	Dispense pack	IN:			
			PK022			
			OUT:			
			PK022	NMVS_NC_PC_01	Unknown	n/a


8.4.4 TC-G120-05 Dispense Single Pack not Successful

ID	TC-G120-05
Name	Dispense single pack not successful
Description	A single pack where the pack status is "INACTIVE" will be supplied. In addition, this pack will be verified before dispense.
Alternatives	n/a
Required Use Cases	G110, G120
Test Data	PK157
Acceptance Criteria	T1: G110 successful with respective state Inactive. T2: G120 Return NMVS_NC_PCK_22

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Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G110	Verify that pack is	IN:			
			PK157			
			OUT:			
			PK157	NMVS_SUCCESS	INACTIVE	n/a
T2	G120	Dispense pack	IN:			
			PK157			
			OUT:			
			PK157	NMVS_NC_PCK_22	n/a	n/a

NOTE: Step T1 is for test purposes only. To perform a dispense (G120) later on IQE or Production, it's not needed to do a verify (G110) before.

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8.5 G121 – Undo Dispense Single Pack

8.5.1 TC-G121-01 Undo Dispense Single Pack Successful

ID	TC-G121-01
Name	Undo dispense single pack successful
Description	A single pack will be supplied. This dispense needs to be undone. In addition, this pack will be verified before and after dispense.
Alternatives	n/a
Required Use Cases	G110, G121
Test Data	PK158
Acceptance Criteria	T2: G121 successful with respective state Inactive and Reason Supplied T3: G110 successful with respective state Inactive and Reason Supplied

Test:


Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G110	Verify that pack	IN:			
			PK158			
			OUT:			
			PK158	NMVS_SUCCESS	INACTIVE	SUPPLIED
T2	G121	Undo dispense pack	IN:			
			PK158			
			OUT:			
			PK158	NMVS_SUCCESS	ACTIVE	n/a
T3	G110	Verify that pack	IN:			
			PK158			
			OUT:			
			PK158	NMVS_SUCCESS	ACTIVE	n/a

NOTE: Steps T1 and T3 are for test purposes only. To perform a undo dispense (G121) later on IQE or Production, it's not needed to do a verify (G110) before and afterwards.

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8.5.2 TC-G121-04 Undo Dispense Single Pack not Successful

ID	TC-G121-04
Name	Undo dispense single pack not successful
Description	A single pack where the batch data could not be found in the NMVS-database of the NMVS will be supplied. This dispense needs to be undone. Please change the provided batch-identification of the test package. It is sufficient to change the first letter of the batch-identification.
Alternatives	n/a
Required Use Cases	G121
Test Data	PK161
Acceptance Criteria	Return NMVS_FE_LOT_03

Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G121	Undo dispense pack	IN:			
			PK161			
			OUT:			
			PK161	NMVS_FE_LOT_03	UNKNOWN	n/a

8.5.3 TC-G121-06 Undo Dispense Single Pack not Successful

ID	TC-G121-06
Name	Undo dispense single pack not successful
Description	A single pack with an unknown product code will be supplied. This dispense needs to be undone. Please change the provided product code of the test package. It is sufficient to change the first number of the product code.
Alternatives	n/a
Required Use Cases	G121
Test Data	PK163
Acceptance Criteria	Return NMVS_NC_PC_01


Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G121	Undo dispense pack	IN:			
			PK163			
			OUT:			
			PK163	NMVS_ERROR	n/a	n/a

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8.5.4 TC-G121-07 Undo Dispense Single Pack not Successful

ID TC-G121-07	
Name	Undo dispense single pack not successful
Description	A single pack will be supplied where the pack serial number is not available in the NMVS. This dispense needs to be undone. Please change the provided serial number of the test package.
Alternatives	n/a
Required Use Cases	G121
Test Data	PK164
Acceptance Criteria	Return NMVS_NC_PC_02

Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T2	G121	Undo dispense pack	IN:			
			PK164			
			OUT:			
			PK164	NMVS_NC_PC_02	n/a	n/a


8.5.5 TC-G121-08 Undo Dispense Single Pack not Successful

ID TC-G121-08	
Name	Undo dispense single pack not successful
Description	A single pack dispense where the pack status is not “dispensed” will be undone. In addition, this pack will be verified before dispense.
Alternatives	n/a
Required Use Cases	G110, G121
Test Data	PK233
Acceptance Criteria	T1: G110 Return of state Inactive T2: G121 Return NMVS_NC_PCK_06

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Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G110	Verify that pack	IN:			
			PK233			
			OUT:			
			PK233	NMVS_SUCCESS	INACTIVE	n/a
T2	G121	Undo dispense pack	IN:			
			PK233			
			OUT:			
			PK233	NMVS_NC_PCK_06	n/a	n/a

NOTE: Steps T1 is for test purposes only. To perform a undo dispense (G121) later on IQE or Production, it's not needed to do a verify (G110) before and afterwards.

8.5.6 TC-G121-10 Undo Dispense Single Pack not Successful

ID TC-G121-10	
Name	Undo dispense single pack not successful
Description	A single pack where the time frame for "undo decommission" is exceeded will be dispensed. This dispense needs to be undone. Please make sure that the test package is older than 10 days for this test case.
Alternatives	n/a
Required Use Cases	G121
Test Data	PK166
Acceptance Criteria	Return NMVS_NC_PCK_20


Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G121	Undo dispense pack	IN:			
			PK166			
			OUT:			
			PK166	NMVS_NC_PCK_22	INACTIVE	n/a

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8.6 G125 – Bulk Dispense Packs

8.6.1 TC-G125-01 Bulk Dispense Packs Successful

ID	TC-G125-01
Name	Bulk dispense packs successful
Description	Five packs will be dispensed by a bulk transaction.
Alternatives	n/a
Required Use Cases	G125, G188
Test Data	PK023 – PK027
Acceptance Criteria	T2: G188 for G125 successfully processed

Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G125	Dispense all packs.	IN:			
			Pack1: PK023			
			Pack2: PK024			
			Pack3: PK025			
			Pack4: PK026			
			Pack5: PK027			
			OUT:			
		TransactionID	NMVS_SUCCESS	n/a	n/a	
T2	G188	Check bulk result. If system returns NMVS_FE_TX_02, repeat this step.	IN:			
			TransactionID: result of T1			
			OUT:			
		TransactionID	NMVS_SUCCESS	n/a	n/a	


8.6.2 TC-G125-03 Bulk Dispense Packs not Successful

ID	TC-G125-03
Name	Bulk dispense packs not successful

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Description	Five packs where the batch data could not be found in the NMVS-database of the NMVS will be dispensed by a bulk transaction. The system shall return an error message. Please change the provided batch-identification of the test package. It is sufficient to change the first letter of the batch-identification.
Alternatives	n/a
Required Use Cases	G125, G188
Test Data	PK033 – PK037
Acceptance Criteria	T2: G188 for G125 Return NMVS_FE_LOT_03

Test:


Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G125	Dispense all packs. The tester stores the Transaction ID of the response.	IN:			
			Pack1: PK033			
			Pack2: PK034			
			Pack3: PK035			
			Pack4: PK036			
			Pack5: PK037			
		OUT:				
		TransactionID	NMVS_SUCCESS	n/a	n/a	
T2	G188	Check bulk result. If system returns NMVS_FE_TX_02, repeat this step.	IN:			
			TransactionID: result of T1			
			OUT:			
			TransactionID	NMVS_FE_LOT_03	n/a	n/a

8.6.3 TC-G125-04 Bulk Dispense Packs not Successful

ID	TC-G125-04
Name	Bulk dispense packs not successful
Description	Five packs with an unknown product code will be dispensed by a bulk transaction. The system shall return an error message. Please change the provided product code of the test package. It is sufficient to change the first number of the product code.
Alternatives	n/a
Required Use Cases	G125, G188
Test Data	PK038 – PK042
Acceptance Criteria	T2: G188 for G125 Return NMVS_NC_PC_01

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Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G125	Dispense all packs. The tester stores the Transaction ID of the response.	IN:			
			Pack1: PK038			
			Pack2: PK039			
			Pack3: PK040			
			Pack4: PK041			
			Pack5: PK042			
			OUT:			
	TransactionID	NMVS_SUCCESS	n/a	n/a		
T2	G188	Check bulk result. If system returns NMVS_FE_TX_02, repeat this step.	IN:			
			TransactionID: result of T1			
			OUT:			
	TransactionID	NMVS_NC_PC_01	n/a	n/a		

8.6.4 TC-G125-05 Bulk Dispense Packs not Successful


ID	TC-G125-05
Name	Bulk dispense packs not successful
Description	Five packs where the pack status is "INACTIVE" will be dispensed by a bulk transaction. In addition, these pack will be verified before dispense. The system shall return an error message.
Alternatives	n/a
Required Use Cases	G115, G125, G188
Test Data	PK167 – PK171
Acceptance Criteria	T2: G188 for G115 Return of state Inactive T4: G188 for G125 Return NMVS_FE_LOT_03

Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G115	Verify all packs.	IN:			
			Pack1: PK167			
			Pack2: PK168			
			Pack3: PK169			
			Pack4: PK170			
			Pack5: PK171			
			OUT:			
	TransactionID	NMVS_SUCCESS	n/a	n/a		
T2	G188	Check bulk re-sult.	IN:			
			TransactionID: result of T1			

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Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
		If system returns NMVS_FE_TX_02, repeat this step.	OUT:			
			Pack1: PK167	NMVS_SUCCESS	INACTIVE	SUPPLIED
			Pack2: PK168	NMVS_SUCCESS	INACTIVE	SUPPLIED
			Pack3: PK169	NMVS_SUCCESS	INACTIVE	SUPPLIED
			Pack4: PK170	NMVS_SUCCESS	INACTIVE	SUPPLIED
			Pack5: PK171	NMVS_SUCCESS	INACTIVE	SUPPLIED
T3	G125	Dispense all packs.	IN:			
			Pack1: PK167			
			Pack2: PK168			
			Pack3: PK169			
			Pack4: PK170			
			Pack5: PK171			
			OUT:			
		TransactionID	NMVS_SUCCESS	n/a	n/a	
T4	G188	Check bulk result. If system returns NMVS_FE_TX_02, repeat this step.	IN:			
			TransactionID: result of T3			
			OUT:			
			Pack1: PK167	NMVS_NC_PCK_22	INACTIVE	SUPPLIED
			Pack1: PK168	NMVS_NC_PCK_22	INACTIVE	SUPPLIED
			Pack1: PK169	NMVS_NC_PCK_22	INACTIVE	SUPPLIED
			Pack1: PK170	NMVS_NC_PCK_22	INACTIVE	SUPPLIED
		Pack1: PK171	NMVS_NC_PCK_22	INACTIVE	SUPPLIED	

NOTE: Steps T1 and T2 are for test purposes only. To perform a bulk dispense (G125) later on IQE or Production, it's not needed to do a bulk verify (G115) before.

8.7 G127 – Bulk Undo Dispense Packs

8.7.1 TC-G127-01 Bulk Undo Dispense Packs Successful

ID	TC-G127-01
Name	Bulk undo dispense packs successful
Description	Five packs will be dispensed by a bulk transaction. This dispense needs to be undone. In addition, these packs will be verified before and after dispense.
Alternatives	n/a
Required Use Cases	G115, G127, G188
Test Data	PK172 – PK176
Acceptance Criteria	T4: G188 for G127 successful with respective state and Reason T6: G188 for G115 successful with respective state and Reason


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Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G115	Verify all packs.	IN:			
			Pack1: PK172			
			Pack2: PK173			
			Pack3: PK174			
			Pack4: PK175			
			Pack5: PK176			
			OUT:			
		TransactionID:	NMVS_SUCCESS	n/a	n/a	
T2	G188	Check bulk result. If system returns NMVS_FE_TX_02, repeat this step.	IN:			
			TransactionID: result of T1			
			OUT:			
			Pack1: PK172	NMVS_SUCCESS	INACTIVE	SUPPLIED
			Pack2: PK173	NMVS_SUCCESS	INACTIVE	SUPPLIED
			Pack3: PK174	NMVS_SUCCESS	INACTIVE	SUPPLIED
			Pack4: PK175	NMVS_SUCCESS	INACTIVE	SUPPLIED
Pack5: PK176	NMVS_SUCCESS	INACTIVE	SUPPLIED			
T3	G127	Undo dispense all packs.	IN:			
			Pack1: PK172			
			Pack2: PK173			
			Pack3: PK174			
			Pack4: PK175			
			Pack5: PK176			
			OUT:			
		TransactionID:	NMVS_SUCCESS	n/a	n/a	
T4	G188	Check bulk result. If system returns NMVS_FE_TX_02, repeat this step.	IN:			
			TransactionID: result of T3			
			OUT:			
		TransactionID:	NMVS_SUCCESS	n/a	n/a	
T5	G115	Verify again	IN:			
			Pack1: PK172			
			Pack2: PK173			
			Pack3: PK174			
			Pack4: PK175			
			Pack5: PK176			
			OUT:			
		TransactionID:	NMVS_SUCCESS	n/a	n/a	
T6	G188		IN:			

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Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
		Check bulk result.	TransactionID: result of T5			
		If system returns NMVS_FE_TX_02, repeat this step.	OUT:			
			Pack1: PK172	NMVS_SUCCESS	ACTIVE	n/a
			Pack2: PK173	NMVS_SUCCESS	ACTIVE	n/a
			Pack3: PK174	NMVS_SUCCESS	ACTIVE	n/a
			Pack4: PK175	NMVS_SUCCESS	ACTIVE	n/a
			Pack5: PK176	NMVS_SUCCESS	ACTIVE	n/a

NOTE: Steps T1, T2, T5 and T6 are for test purposes only. To perform a bulk dispense (G125) later on IQE or Production, it's not needed to do a bulk verify / check bulk result (G115 / G188) before and afterwards.

8.7.2 TC-G127-03 Bulk Undo Dispense Packs not Successful

ID	TC-G127-03
Name	Bulk undo dispense packs not successful
Description	Five packs where the batch data could not found in the NMVS-database of the NMVS will be dispensed by a bulk transaction. This dispense needs to be undone. The system shall return an error message. Please change the provided batch-identification of the test package. It is sufficient to change the first letter of the batch-identification.
Alternatives	n/a
Required Use Cases	G127, G188
Test Data	PK182 – PK186
Acceptance Criteria	T2: G188 for G126 Return NMVS_FE_LOT_03


Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G127	Undo dispense all packs.	IN:			
			Pack1: PK182			
			Pack2: PK183			
			Pack3: PK184			
			Pack4: PK185			
			Pack5: PK186			
			OUT:			
		TransactionID	NMVS_SUCCESS	n/a	n/a	
T2	G188	Check bulk result.	IN:			
			TransactionID: result of T1			
			OUT:			
		TransactionID	NMVS_FE_LOT_03	n/a	n/a	

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Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
		_02, repeat this step.				

8.7.3 TC-G127-05 Bulk Undo Dispense Packs not Successful

ID TC-G127-05	
Name	Bulk undo dispense packs not successful
Description	Five packs with an unknown product code will be dispensed by a bulk transaction. This dispense needs to be undone. The system shall return an error message. Please change the provided product code of the test package. It is sufficient to change the first number of the product code.
Alternatives	n/a
Required Use Cases	G127, G188
Test Data	PK192 – PK196
Acceptance Criteria	T2: G188 for G127 Return NMVS_NC_PC_01

Test:


Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G127	Undo dispense all packs.	IN:			
			Pack1: PK192			
			Pack2: PK193			
			Pack3: PK194			
			Pack4: PK195			
			Pack5: PK196			
		OUT:				
		TransactionID	NMVS_SUCCESS	n/a	n/a	
T2	G188	Check bulk result. If system returns NMVS_FE_TX_02, repeat this step.	IN:			
			TransactionID: result of T1			
			OUT:			
		TransactionID	NMVS_NC_PC_01	n/a	n/a	

8.7.4 TC-G127-06 Bulk Undo Dispense Packs not Successful

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Name	Bulk undo dispense packs not successful
Description	Five packs where the pack could not find will be dispensed by a bulk transaction. This dispense needs to be undone. The system shall return an error message. Please change the provided serial number of the test package. It is sufficient to change the first letter/number of the batch-identification.
Alternatives	n/a
Required Use Cases	G127, G188
Test Data	PK197 – PK201
Acceptance Criteria	T2: G188 for G127 Return NMVS_NC_PC_02


Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G127	Undo dispense all packs.	IN:			
			Pack1: PK197			
			Pack2: PK198			
			Pack3: PK199			
			Pack4: PK200			
			Pack5: PK201			
			OUT:			
	TransactionID	NMVS_SUCCESS	n/a	n/a		
T2	G188	Check bulk result. If system returns NMVS_FE_TX_02, repeat this step.	IN:			
			TransactionID: result of T1			
			OUT:			
			Pack1: PK197	NMVS_NC_PC_02	n/a	n/a
			Pack2: PK198	NMVS_NC_PC_02	n/a	n/a
			Pack3: PK199	NMVS_NC_PC_02	n/a	n/a
			Pack4: PK200	NMVS_NC_PC_02	n/a	n/a
Pack5: PK201	NMVS_NC_PC_02	n/a	n/a			

8.7.5 TC-G127-07 Bulk Undo Dispense Packs not Successful

ID TC-G127-07		
Name	Bulk undo dispense packs not successful	
Description	Five packs where the pack status is not “dispensed” will be dispense by a bulk transaction. This dispense needs to be undone. In addition, these pack will be verified before dispense. The system shall return an error message.	
Alternatives	n/a	
Required Use Cases	G115, G127, G188	
Test Data	PK234 – PK238	

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Acceptance Criteria	T2: G188 for G115 Return of state Inactive T4: G188 for G127 Return NMVS_NC_PCK_06
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Test:


Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G115	Verify all packs.	IN:			
			Pack1: PK234			
			Pack2: PK235			
			Pack3: PK236			
			Pack4: PK237			
			Pack5: PK238			
			OUT:			
		TransactionID	NMVS_SUCCESS	n/a	n/a	
T2	G188	Check bulk result. If system returns NMVS_FE_TX_02, repeat this step.	IN:			
			TransactionID: result of T1			
			OUT:			
			Pack1: PK234	NMVS_SUCCESS	INACTIVE	n/a
			Pack2: PK235	NMVS_SUCCESS	INACTIVE	n/a
			Pack3: PK236	NMVS_SUCCESS	INACTIVE	n/a
			Pack4: PK237	NMVS_SUCCESS	INACTIVE	n/a
Pack5: PK238	NMVS_SUCCESS	INACTIVE	n/a			
T3	G127	Undo dispense all packs.	IN:			
			Pack1: PK234			
			Pack2: PK235			
			Pack3: PK236			
			Pack4: PK237			
			Pack5: PK238			
			OUT:			
		TransactionID	NMVS_SUCCESS	n/a	n/a	
T4	G188	Check bulk result. If system returns NMVS_FE_TX_02, repeat this step.	IN:			
			TransactionID: result of T3			
			OUT:			
			Pack1: PK234	NMVS_NC_PCK_06	n/a	n/a
			Pack2: PK235	NMVS_NC_PCK_06	n/a	n/a
			Pack3: PK236	NMVS_NC_PCK_06	n/a	n/a
			Pack4: PK237	NMVS_NC_PCK_06	n/a	n/a
Pack5: PK238	NMVS_NC_PCK_06	n/a	n/a			

NOTE: Steps T1 and T2 are for test purposes only. To perform an undo bulk dispense (G127) later on IQE or Production, it's not needed to do a bulk verify (G115) before and afterwards.

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8.7.6 TC-G127-09 Bulk Undo Dispense Packs not Successful

ID	TC-G127-09
Name	Bulk undo dispense packs not successful
Description	Five packs where the time frame for “undo decommission” is exceeded will be dispensed by a bulk transaction. Dispense needs to be undone. The system shall return an error message. Please make sure that the test package is older than 10 days for this test case.
Alternatives	n/a
Required Use Cases	G127, G188
Test Data	PK207 – PK211
Acceptance Criteria	T2: G188 for G127 Return NMVS_NC_PCK_20

Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G127	Undo dispense all packs.	IN:			
			Pack1: PK207			
			Pack2: PK208			
			Pack3: PK209			
			Pack4: PK210			
			Pack5: PK211			
			OUT:			
	TransactionID	NMVS_SUCCESS	n/a	n/a		
T2	G188	Check bulk result. If system returns NMVS_FE_TX_02, repeat this step.	IN:			
			TransactionID: result of T1			
			OUT:			
			Pack1: PK207	NMVS_NC_PCK_20	INACTIVE	SUPPLIED
			Pack2: PK208	NMVS_NC_PCK_20	INACTIVE	SUPPLIED
			Pack3: PK209	NMVS_NC_PCK_20	INACTIVE	SUPPLIED
			Pack4: PK210	NMVS_NC_PCK_20	INACTIVE	SUPPLIED
Pack5: PK211	NMVS_NC_PCK_20	INACTIVE	SUPPLIED			

8.8 G130 – Destroy Single Pack


8.8.1 TC-G130-01 Destroy Single Pack Successful

ID	TC-G130-01
Name	Destroy single pack successful
Description	A single pack will be destroyed. In addition, this pack will be verified before and after dispense.
Alternatives	n/a
Required Use Cases	G130
Test Data	PK043

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Acceptance Criteria T1: G130 successful with respective state and reason

Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G130	Destroy pack	IN:			
			PK043			
			OUT:			
			PK043	NMVS_SUCCESS	INACTIVE	DESTROYED

8.9 G135 – Bulk Destroy Packs

8.9.1 TC-G135-01 Bulk Destroy Packs Successful

ID	TC-G135-01
Name	Bulk destroy packs successful
Description	Five packs will be destroyed by a bulk transaction.
Alternatives	n/a
Required Use Cases	G135, G188
Test Data	PK044 – PK048
Acceptance Criteria	T2: G188 for G135 successfully processed


Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G135	Destroy all packs.	IN:			
			Pack1: PK044			
			Pack2: PK045			
			Pack3: PK046			
			Pack4: PK047			
			Pack5: PK048			
			OUT:			
	TransactionID	NMVS_SUCCESS	n/a	n/a		
T2	G188	Check bulk result. If system returns NMVS_FE_TX_02, repeat this step.	IN:			
			TransactionID: result of T1			
			OUT:			
	TransactionID	NMVS_SUCCESS	n/a	n/a		

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8.10 G140 – Export Single Pack

8.10.1 TC-G140-01 Export Single Pack Successful

ID	TC-G140-01
Name	Export single pack successful
Description	A single pack will be exported. In addition, this pack will be verified before and after dispense.
Alternatives	n/a
Required Use Cases	G140
Test Data	PK049
Acceptance Criteria	T1: G140 successful with respective state and reason

Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G140	Export pack	IN:			
			PK049			
			OUT:			
			PK049	NMVS_SUCCESS	INACTIVE	EXPORTED

8.11 G141 – Undo Export Single Pack


8.11.1 TC-G141-01 Undo Export Single Pack Successful

ID	TC-G141-01
Name	Undo export single pack successful
Description	A single pack will be exported. This export needs to be undone. In addition, this pack will be verified before and after export.
Alternatives	n/a
Required Use Cases	G110, G141
Test Data	PK260
Acceptance Criteria	T2: G141 successful with respective state and reason T3: G110 successful with respective state and reason

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Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G110	Verify that pack	IN:			
			PK260			
			OUT:			
			PK260	NMVS_SUCCESS	INACTIVE	EXPORTED
T2	G141	Undo export pack	IN:			
			PK260			
			OUT:			
			PK260	NMVS_SUCCESS	ACTIVE	n/a
T3	G110	Verify that pack	IN:			
			PK260			
			OUT:			
			PK260	NMVS_SUCCESS	ACTIVE	n/a

NOTE: Steps T1 and T3 are for test purposes only. To perform a undo export pack (G141) later on IQE or Production, it's not needed to do a verify (G110) before and afterwards.

8.12 G145 – Bulk Export Packs

8.12.1 TC-G145-01 Bulk Export Packs Successful

ID	TC-G145-01
Name	Bulk export packs successful
Description	Five packs will be exported by a bulk transaction.
Alternatives	n/a
Required Use Cases	G145, G188
Test Data	PK050 – PK054
Acceptance Criteria	T2: G188 for G145 successfully processed


Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G145	Export all packs.	IN:			
			Pack1: PK050			
			Pack2: PK051			
			Pack3: PK052			
			Pack4: PK053			
			Pack5: PK054			
			OUT:			
TransactionID	NMVS_SUCCESS	n/a	n/a			
T2	G188	Check bulk result.	IN:			
			TransactionID: result of T1			
			OUT:			

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Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
		If system returns NMVS_FE_TX_02 , repeat this step.	TransactionID	NMVS_SUCCESS	n/a	n/a

8.13 G147 – Bulk Undo Export Packs

8.13.1 TC-G147-01 Bulk Undo Export Packs Successful

ID TC-G147-01	
Name	Bulk undo export packs successful
Description	Five packs will be exported by a bulk transaction. This export needs to be undone. In addition, these pack will be verified before and after export.
Alternatives	n/a
Required Use Cases	G115, G147, G188
Test Data	PK261 – PK265
Acceptance Criteria	T4: G188 for G147 successful with respective state and reason T6: G188 for G115 successful with respective state and reason

Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G115	Verify all packs.	IN:			
			Pack1: PK261			
			Pack2: PK262			
			Pack3: PK263			
			Pack4: PK264			
			Pack5: PK265			
			OUT:			
		TransactionID	NMVS_SUCCESS	n/a	n/a	
T2	G188	Check bulk result. If system returns NMVS_FE_TX_02, repeat this step.	IN:			
			TransactionID: result of T1			
			OUT:			
			Pack1: PK261	NMVS_SUCCESS	INACTIVE	EXPORTED
			Pack2: PK262	NMVS_SUCCESS	INACTIVE	EXPORTED
			Pack3: PK263	NMVS_SUCCESS	INACTIVE	EXPORTED
			Pack4: PK264	NMVS_SUCCESS	INACTIVE	EXPORTED
Pack5: PK265	NMVS_SUCCESS	INACTIVE	EXPORTED			
T3	G147	Undo export all packs.	IN:			
			Pack1: PK261			
			Pack2: PK262			

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Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
			Pack3: PK263			
			Pack4: PK264			
			Pack5: PK265			
			OUT:			
			TransactionID	NMVS_SUCCESS	n/a	n/a
T4	G188	Check bulk result. If system returns NMVS_FE_TX_02, repeat this step.	IN:			
			TransactionID: result of T3			
			OUT:			
			TransactionID	NMVS_SUCCESS	n/a	n/a
T5	G115	Verify again	IN:			
			Pack1: PK261			
			Pack2: PK262			
			Pack3: PK263			
			Pack4: PK264			
			Pack5: PK265			
			OUT:			
			TransactionID	NMVS_SUCCESS	n/a	n/a
T6	G188	Check bulk result. If system returns NMVS_FE_TX_02, repeat this step.	IN:			
			TransactionID: result of T5			
			OUT:			
			Pack1: PK261	NMVS_SUCCESS	ACTIVE	n/a
			Pack2: PK262	NMVS_SUCCESS	ACTIVE	n/a
			Pack3: PK263	NMVS_SUCCESS	ACTIVE	n/a
			Pack4: PK264	NMVS_SUCCESS	ACTIVE	n/a
			Pack5: PK265	NMVS_SUCCESS	ACTIVE	n/a

NOTE: Steps T1, T2, T5 and T6 are for test purposes only. To perform a undo destroy all packs (G147) later on IQE or Production, it's not needed to do a bulk verify / check bulk result (G115 / G188) before and afterwards.

8.14 G150 – Sample Single Pack


8.14.1 TC-G150-01 Sample Single Pack Successful

ID TC-G150-01	
Name	Sample single pack successful
Description	A single pack will be marked as sample. In addition, this pack will be verified before and after sample.
Alternatives	n/a
Required Use Cases	G150

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Test Data	PK055
Acceptance Criteria	T1: G150 successful with respective state and reason

Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G150	Sample pack	IN:			
			PK055			
			OUT:			
			PK055	NMVS_SUCCESS	INACTIVE	SAMPLE

8.15 G151 – Undo Sample Single Pack


8.15.1 TC-G151-01 Undo Sample Single Pack Successful

ID TC-G151-01	
Name	Undo sample single pack successful
Description	A single pack will be marked as sample. This mark needs to be undone. In addition, this pack will be verified before and after sample.
Alternatives	n/a
Required Use Cases	G110, G151
Test Data	PK278
Acceptance Criteria	T2: G151 successful with respective state inactive and reason T3: G110 successful with respective state inactive and reason

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Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G110	Verify that pack	IN: PK278			
			OUT: PK278	NMVS_SUCCESS	INACTIVE	SAMPLE
T2	G151	Undo sample pack	IN: PK278			
			OUT: PK278	NMVS_SUCCESS	ACTIVE	n/a
T3	G110	Verify that pack	IN: PK278			
			OUT: PK278	NMVS_SUCCESS	ACTIVE	n/a

NOTE: Steps T1 and T3 are for test purposes only. To perform an undo sample pack (G151) later on IQE or Production, it's not needed to do a verify (G110) before and afterwards.

8.16 G155 – Bulk Sample Packs

8.16.1 TC-G155-01 Bulk Sample Packs Successful

ID TC-G155-01	
Name	Bulk sample packs successful
Description	Five packs will be marked as sample by a bulk transaction.
Alternatives	n/a
Required Use Cases	G155, G188
Test Data	PK056 – PK060
Acceptance Criteria	T2: G188 for G155 successfully processed


Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G155	Sample all packs.	IN: Pack1: PK056			
			Pack2: PK057			
			Pack3: PK058			
			Pack4: PK059			
			Pack5: PK060			
			OUT: TransactionID	NMVS_SUCCESS	n/a	n/a
T2	G188	Check bulk result.	IN: TransactionID: result of T1			

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Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
		If system returns NMVS_FE_TX_02 , repeat this step.	OUT: TransactionID	NMVS_SUCCESS	n/a	n/a

8.17 G157 – Bulk Undo Sample Packs

8.17.1 TC-G157-01 Bulk Undo Sample Packs Successful

ID	TC-G157-01
Name	Bulk undo sample packs successful
Description	Five packs will be marked as sample by a bulk transaction. This mark needs to be undone. In addition, these pack will be verified before and after sample.
Alternatives	n/a
Required Use Cases	G115, G157, G188
Test Data	PK279 – PK283
Acceptance Criteria	T4: G188 for G157 successful with respective state and reason T6: G188 for G115 successful with respective state and reason

Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G115	Verify all packs.	IN:			
			Pack1: PK279			
			Pack2: PK280			
			Pack3: PK281			
			Pack4: PK282			
			Pack5: PK283			
			OUT: TransactionID	NMVS_SUCCESS	n/a	n/a
T2	G188	Check bulk result.	IN: TransactionID: result of T1			
			OUT:			
		If system returns NMVS_FE_TX_02, repeat this step.	Pack1: PK279	NMVS_SUCCESS	INACTIVE	SAMPLE
		Pack2: PK280	NMVS_SUCCESS	INACTIVE	SAMPLE	
		Pack3: PK281	NMVS_SUCCESS	INACTIVE	SAMPLE	
		Pack4: PK282	NMVS_SUCCESS	INACTIVE	SAMPLE	
		Pack5: PK283	NMVS_SUCCESS	INACTIVE	SAMPLE	
T3	G157	Undo sample all packs.	IN:			
			Pack1: PK279			
			Pack2: PK280			
			Pack3: PK281			

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Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
			Pack4: PK282			
			Pack5: PK283			
			OUT:			
			TransactionID	NMVS_SUCCESS	n/a	n/a
T4	G188	Check bulk result.	IN:			
			TransactionID: result of T3			
		If system returns NMVS_FE_TX_02, repeat this step.	OUT:			
			TransactionID	NMVS_SUCCESS	n/a	n/a
T5	G115	Verify again	IN:			
			Pack1: PK279			
			Pack2: PK280			
			Pack3: PK281			
			Pack4: PK282			
			Pack5: PK283			
			OUT:			
			TransactionID	NMVS_SUCCESS	n/a	n/a
T6	G188	Check bulk result.	IN:			
			TransactionID: result of T5			
		If system returns NMVS_FE_TX_02, repeat this step.	OUT:			
			Pack1: PK279	NMVS_SUCCESS	ACTIVE	n/a
			Pack2: PK280	NMVS_SUCCESS	ACTIVE	n/a
			Pack3: PK281	NMVS_SUCCESS	ACTIVE	n/a
			Pack4: PK282	NMVS_SUCCESS	ACTIVE	n/a
			Pack5: PK283	NMVS_SUCCESS	ACTIVE	n/a

NOTE: Steps T1, T2, T5 and T6 are for test purposes only. To perform a undo sample all packs (G157) later on IQE or Production, it's not needed to do a bulk verify / check bulk result (G115 / G188) before and afterwards.

8.18 G160 – Free Sample Single Pack

8.18.1 TC-G160-01 Free Sample Single Pack Successful

ID TC-G160-01	
Name	Free sample single pack successful
Description	A single pack will be marked as free sample. In addition, this pack will be verified before and after dispense.
Alternatives	n/a
Required Use Cases	G160
Test Data	PK061

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Acceptance Criteria	T1: G160 successful with respective state and reason
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Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G160	Free sample pack	IN: PK061			
			OUT: PK061	NMVS_SUCCESS	INACTIVE	FREESAMPLE


8.19 G161 – Undo Free Sample Single Pack

8.19.1 TC-G161-01 Undo Free Sample Single Pack Successful

ID TC-G161-01	
Name	Undo free sample single pack successful
Description	A single pack will be marked as free sample. This mark needs to be undone. In addition, this pack will be verified before and after free sample.
Alternatives	n/a
Required Use Cases	G110, G161
Test Data	PK296
Acceptance Criteria	T2: G161 successful with respective state inactive and reason T3: G110 successful with respective state inactive and reason

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Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G110	Verify that pack	IN:			
			PK296			
			OUT:			
			PK296	NMVS_SUCCESS	INACTIVE	FREESAMPLE
T2	G161	Undo free sample pack	IN:			
			PK296			
			OUT:			
			PK296	NMVS_SUCCESS	ACTIVE	n/a
T3	G110	Verify that pack	IN:			
			PK296			
			OUT:			
			PK296	NMVS_SUCCESS	ACTIVE	n/a

NOTE: Steps T1 and T3 are for test purposes only. To perform an undo free sample pack (G161) later on IQE or Production, it's not needed to do a verify (G110) before and afterwards.

8.20 G165 – Bulk Free Sample Packs

8.20.1 TC-G165-01 Bulk Free Sample Packs Successful

ID	TC-G165-01
Name	Bulk free sample packs successful
Description	Five packs will be marked as free sample by a bulk transaction. In addition, these packs will be verified before and after free sample.
Alternatives	n/a
Required Use Cases	G165, G188
Test Data	PK062 – PK066
Acceptance Criteria	T2: G188 for G165 successfully processed

Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G165	Free Sample all packs.	IN:			
			Pack1: PK062			
			Pack2: PK063			
			Pack3: PK064			
			Pack4: PK065			
			Pack5: PK066			
			OUT:			
			TransactionID	NMVS_SUCCESS	n/a	n/a

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Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T2	G188	Check bulk result. Repeat as long as NMVS_FE_TX_02 is returned.	IN:			
			TransactionID: result of T1			
			OUT:			
			TransactionID	NMVS_SUCCESS	n/a	n/a

8.21 G167 – Bulk Undo Free Sample Packs

8.21.1 TC-G167-01 Bulk Undo Free Sample Packs Successful

ID	TC-G167-01
Name	Bulk undo free sample packs successful
Description	Five packs will be marked as free sample by a bulk transaction. This mark needs to be undone. In addition, these pack will be verified before and after free sample.
Alternatives	n/a
Required Use Cases	G115, G167, G188
Test Data	PK297 – PK301
Acceptance Criteria	T4: G188 for G167 successful with respective state and reason T6: G188 for G115 successful with respective state and reason

Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G115	Verify all packs.	IN:			
			Pack1: PK297			
			Pack2: PK298			
			Pack3: PK299			
			Pack4: PK300			
			Pack5: PK301			
			OUT:			
TransactionID	NMVS_SUCCESS	n/a	n/a			
T2	G188	Check bulk result. If system returns NMVS_FE_TX_02, repeat this step.	IN:			
			TransactionID: result of T1			
			OUT:			
			Pack1: PK297	NMVS_SUCCESS	INACTIVE	FREESAMPLE
			Pack2: PK298	NMVS_SUCCESS	INACTIVE	FREESAMPLE
			Pack3: PK299	NMVS_SUCCESS	INACTIVE	FREESAMPLE
Pack4: PK300	NMVS_SUCCESS	INACTIVE	FREESAMPLE			

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T3	G167	Undo free sample all packs.	Pack5: PK301	NMVS_SUCCESS	INACTIVE	FREESAMPLE
			IN:			
			Pack1: PK297			
			Pack2: PK298			
			Pack3: PK299			
			Pack4: PK300			
			Pack5: PK301			
			OUT:			
		TransactionID	NMVS_SUCCESS	n/a	n/a	
T4	G188	Check bulk result. If system returns NMVS_FE_TX_02, repeat this step.	IN:			
			TransactionID: result of T3			
			OUT:			
		TransactionID	NMVS_SUCCESS	n/a	n/a	
T5	G115	Verify again	IN:			
			Pack1: PK297			
			Pack2: PK298			
			Pack3: PK299			
			Pack4: PK300			
			Pack5: PK301			
			OUT:			
					TransactionID	NMVS_SUCCESS
T6	G188	Check bulk result. If system returns NMVS_FE_TX_02, repeat this step.	IN:			
			TransactionID: result of T5			
			OUT:			
			Pack1: PK297	NMVS_SUCCESS	ACTIVE	n/a
			Pack2: PK298	NMVS_SUCCESS	ACTIVE	n/a
			Pack3: PK299	NMVS_SUCCESS	ACTIVE	n/a
			Pack4: PK300	NMVS_SUCCESS	ACTIVE	n/a
			Pack5: PK301	NMVS_SUCCESS	ACTIVE	n/a

NOTE: Steps T1, T2, T5 and T6 are for test purposes only. To perform a undo free sample all packs (G167) later on IQE or Production, it's not needed to do a bulk verify / check bulk result (G115 / G188) before and afterwards.

8.22 G170 – Lock Single Pack


8.22.1 TC-G170-01 Lock Single Pack Successful

ID	TC-G170-01
Name	Lock single pack successful

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Description	A single pack will be locked. In addition, this pack will be verified before and after dispense.
Alternatives	n/a
Required Use Cases	G170
Test Data	PK067
Acceptance Criteria	T1: G170 successful with respective state and reason

Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G170	Lock pack	IN:			
			PK067			
			OUT:			
			PK067	NMVS_SUCCESS	INACTIVE	LOCKED

8.23 G171 – Undo Lock Single Pack


8.23.1 TC-G171-01 Undo Lock Single Pack Successful

ID TC-G171-01	
Name	Undo lock single pack successful
Description	A single pack will be locked. This lock needs to be undone. In addition, this pack will be verified before and after lock.
Alternatives	n/a
Required Use Cases	G110, G171
Test Data	PK314
Acceptance Criteria	T2: G171 successful with respective state inactive and reason T3: G110 successful with respective state inactive and reason

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Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G110	Verify that pack	IN:			
			PK314			
			OUT:			
			PK314	NMVS_SUCCESS	INACTIVE	LOCKED
T2	G171	Undo lock pack	IN:			
			PK314			
			OUT:			
			PK314	NMVS_SUCCESS	ACTIVE	n/a
T3	G110	Verify that pack	IN:			
			PK314			
			OUT:			
			PK314	NMVS_SUCCESS	ACTIVE	n/a

NOTE: Steps T1 and T3 are for test purposes only. To perform an undo lock pack (G171) later on IQE or Production, it's not needed to do a verify (G110) before and afterwards.

8.24 G175 – Bulk Lock Packs

8.24.1 TC-G175-01 Bulk Lock Packs Successful


ID	TC-G175-01
Name	Bulk lock packs successful
Description	Five packs will be locked by a bulk transaction.
Alternatives	n/a
Required Use Cases	G175, G188
Test Data	PK068 – PK072
Acceptance Criteria	T2: G188 for G175 successfully processed

Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G175	Lock all packs.	IN:			
			Pack1: PK068			
			Pack2: PK069			
			Pack3: PK070			
			Pack4: PK071			
			Pack5: PK072			
			OUT:			
			TransactionID	NMVS_SUCCESS	n/a	n/a
T2	G188	Check bulk result.	IN:			

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Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
		Repeat as long as NMVS_FE_TX_02 is returned.	TransactionID: result of T1			
			OUT:			
			TransactionID	NMVS_SUCCESS	n/a	n/a

8.25 G177 – Bulk Undo Lock Packs

8.25.1 TC-G177-01 Bulk Undo Lock Packs Successful

ID	TC-G177-01
Name	Bulk undo lock packs successful
Description	Five packs will be locked by a bulk transaction. This lock needs to be undone. In addition, these pack will be verified before and after lock.
Alternatives	n/a
Required Use Cases	G115, G177, G188
Test Data	PK315 – PK319
Acceptance Criteria	T4: G188 for G177 successful with respective state and Reason T6: G188 for G115 successful with respective state and Reason

Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G115	Verify all packs.	IN:			
			Pack1: PK315			
			Pack2: PK316			
			Pack3: PK317			
			Pack4: PK318			
			Pack5: PK319			
			OUT:			
TransactionID	NMVS_SUCCESS	n/a	n/a			
T2	G188	Check bulk result. If system returns NMVS_FE_TX_02, repeat this step.	IN:			
			TransactionID: result of T1			
			OUT:			
			Pack1: PK315	NMVS_SUCCESS	INACTIVE	LOCKED
			Pack2: PK316	NMVS_SUCCESS	INACTIVE	LOCKED
			Pack3: PK317	NMVS_SUCCESS	INACTIVE	LOCKED
			Pack4: PK318	NMVS_SUCCESS	INACTIVE	LOCKED
Pack5: PK319	NMVS_SUCCESS	INACTIVE	LOCKED			
T3	G177	Undo lock all packs.	IN:			
			Pack1: PK315			

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Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
			Pack2: PK316			
			Pack3: PK317			
			Pack4: PK318			
			Pack5: PK319			
			OUT:			
			TransactionID	NMVS_SUCCESS	n/a	n/a
T4	G188	Check bulk result. If system returns NMVS_FE_TX_02, repeat this step.	IN:			
			TransactionID: result of T3			
			OUT:			
			TransactionID	NMVS_SUCCESS	n/a	n/a
T5	G115	Verify again	IN:			
			Pack1: PK315			
			Pack2: PK316			
			Pack3: PK317			
			Pack4: PK318			
			Pack5: PK319			
			OUT:			
			TransactionID	NMVS_SUCCESS	n/a	n/a
T6	G188	Check bulk result. If system returns NMVS_FE_TX_02, repeat this step.	IN:			
			TransactionID: result of T5			
			OUT:			
			Pack1: PK315	NMVS_SUCCESS	ACTIVE	n/a
			Pack2: PK316	NMVS_SUCCESS	ACTIVE	n/a
			Pack3: PK317	NMVS_SUCCESS	ACTIVE	n/a
			Pack4: PK318	NMVS_SUCCESS	ACTIVE	n/a
			Pack5: PK319	NMVS_SUCCESS	ACTIVE	n/a

NOTE: Steps T1, T2, T5 and T6 are for test purposes only. To perform an undo lock all packs (G177) later on IQE or Production, it's not needed to do a bulk verify / check bulk result (G115 / G188) before and afterwards.

8.26 G180 – Stolen Single Pack


8.26.1 TC-G180-01 Stolen Single Pack Successful

ID	TC-G180-01
Name	Stolen single pack successful
Description	A single pack will be marked as stolen. In addition, this pack will be verified before and after dispense.
Alternatives	n/a
Required Use Cases	G110, G180

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Test Data	PK073
Acceptance Criteria	T1: G180 successful with respective state and reason

Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G180	Mark pack as stolen	IN:			
			PK073			
			OUT:			
			PK073	NMVS_SUCCESS	INACTIVE	STOLEN

8.27 G185 – Bulk Stolen Packs

8.27.1 TC-G185-01 Bulk Stolen Packs Successful

ID	TC-G185-01
Name	Bulk stolen packs successful
Description	Five packs will be marked as stolen by a bulk transaction.
Alternatives	n/a
Required Use Cases	G185, G188
Test Data	PK074 – PK078
Acceptance Criteria	T2: G188 for G185 successfully processed


Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G185	Mark all packs as stolen.	IN:			
			Pack1: PK074			
			Pack2: PK075			
			Pack3: PK076			
			Pack4: PK077			
			Pack5: PK078			
			OUT:			
TransactionID	NMVS_SUCCESS	n/a	n/a			
T2	G188	Check bulk result. Repeat as long as NMVS_FE_TX_02 is returned.	IN:			
			TransactionID: result of T1			
			OUT:			
			TransactionID	NMVS_SUCCESS	n/a	n/a

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8.28 G195 - Mixed Bulk

8.28.1 TC-G195-01 Mixed Bulk Successful – Scenario 1

ID	TC-G195-01
Name	Mixed bulk successful – Scenario 1
Description	A mixed bulk with different use cases for 9 packs, each in state ACTIVE, will be executed. Three different actions are considered: 3 x SUPPLIED, 3 x DESTROYED and 3 x SAMPLE. All actions will be executed successfully.
Alternatives	n/a
Required Use Cases	G120, G130, G150, G195, G196
Test Data	PK079 – PK087
Acceptance Criteria	T2: 3 packs in state INACTIVE with reason SUPPLIED, 3 packs in state INACTIVE with reason destroyed and 3 packs in state INACTIVE with reason sample.

Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G195	Mixed bulk all packs. Pack1-3: G120 Pack4-6: G130 Pack7-9: G150	IN:			
			Pack1: PK079			
			Pack2: PK080			
			Pack3: PK081			
			Pack4: PK082			
			Pack5: PK083			
			Pack6: PK084			
			Pack7: PK085			
			Pack8: PK086			
			Pack9: PK087			
			OUT:			
			TransactionID	NMVS_SUCCESS	n/a	n/a
			OUT:			
TransactionID	NMVS_SUCCESS	n/a	n/a			
T2	G196	Check bulk result. Repeat as long as NMVS_FE_TX_02 is returned.	IN:			
			TransactionID: result of T1			
			OUT:			
			Pack1: PK079	NMVS_SUCCESS	INACTIVE	SUPPLIED
			Pack2: PK080	NMVS_SUCCESS	INACTIVE	SUPPLIED
			Pack3: PK081	NMVS_SUCCESS	INACTIVE	SUPPLIED
			Pack4: PK082	NMVS_SUCCESS	INACTIVE	DESTROYED
			Pack5: PK083	NMVS_SUCCESS	INACTIVE	DESTROYED
			Pack6: PK084	NMVS_SUCCESS	INACTIVE	DESTROYED
			Pack7: PK085	NMVS_SUCCESS	INACTIVE	SAMPLE
			Pack8: PK086	NMVS_SUCCESS	INACTIVE	SAMPLE
Pack9: PK087	NMVS_SUCCESS	INACTIVE	SAMPLE			

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8.28.2 TC-G195-02 Mixed Bulk Successful – Scenario 2

ID	TC-G195-02
Name	Mixed bulk successful – Scenario 2
Description	A mixed bulk with different use cases for 9 packs, each in state ACTIVE, will be executed. Three different actions are considered: 3 x Destroy, 3 x Export and 3 x Free Sample. All actions will be executed successfully.
Alternatives	n/a
Required Use Cases	G115, G130, G140, G160, G188, G195, G196
Test Data	PK088 – PK096
Acceptance Criteria	T4 and T6: 3 packs in state INACTIVE with reason destroyed, 3 packs in state INACTIVE with reason exported and 3 packs in state INACTIVE with reason free sample.

Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G115	Verify all packs.	IN:			
			Pack1: PK088			
			Pack2: PK089			
			Pack3: PK090			
			Pack4: PK091			
			Pack5: PK092			
			Pack6: PK093			
			Pack7: PK094			
			Pack8: PK095			
			Pack9: PK096			
			OUT:			
			TransactionID	NMVS_SUCCESS	n/a	n/a
T2	G188	Check bulk result. Repeat as long as NMVS_FE_TX_02 is returned.	IN:			
			TransactionID: result of T1			
			OUT:			
			Pack1: PK088	NMVS_SUCCESS	ACTIVE	n/a
			Pack2: PK089	NMVS_SUCCESS	ACTIVE	n/a
			Pack3: PK090	NMVS_SUCCESS	ACTIVE	n/a
			Pack4: PK091	NMVS_SUCCESS	ACTIVE	n/a
			Pack5: PK092	NMVS_SUCCESS	ACTIVE	n/a
			Pack6: PK093	NMVS_SUCCESS	ACTIVE	n/a
			Pack7: PK094	NMVS_SUCCESS	ACTIVE	n/a
Pack8: PK095	NMVS_SUCCESS	ACTIVE	n/a			
Pack9: PK096	NMVS_SUCCESS	ACTIVE	n/a			
T3	G195	Mixed bulk all packs.	IN:			
			Pack1: PK088			
			Pack2: PK089			

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
		Pack1-3: G130 Pack4-6: G140 Pack7-9: G160	Pack3: PK090			
			Pack4: PK091			
			Pack5: PK092			
			Pack6: PK093			
			Pack7: PK094			
			Pack8: PK095			
			Pack9: PK096			
			OUT:			
			TransactionID	NMVS_SUCCESS	n/a	n/a
T4	G196	Check bulk result. If system returns NMVS_FE_TX_02, repeat this step.	IN:			
			TransactionID: result of T3			
			OUT:			
			TransactionID	NMVS_SUCCESS	n/a	n/a
T5	G115	Verify again	IN:			
			Pack1: PK088			
			Pack2: PK089			
			Pack3: PK090			
			Pack4: PK091			
			Pack5: PK092			
			Pack6: PK093			
			Pack7: PK094			
			Pack8: PK095			
			Pack9: PK096			
			OUT:			
			TransactionID	NMVS_SUCCESS	n/a	n/a
T6	G188	Check bulk result. Repeat as long as NMVS_FE_TX_02 is returned.	IN:			
			TransactionID: result of T5			
			OUT:			
			Pack1: PK088	NMVS_SUCCESS	INACTIVE	SUPPLIED
			Pack2: PK089	NMVS_SUCCESS	INACTIVE	SUPPLIED
			Pack3: PK090	NMVS_SUCCESS	INACTIVE	SUPPLIED
			Pack4: PK091	NMVS_SUCCESS	INACTIVE	DESTROYED
			Pack5: PK092	NMVS_SUCCESS	INACTIVE	DESTROYED
			Pack6: PK093	NMVS_SUCCESS	INACTIVE	DESTROYED
			Pack7: PK094	NMVS_SUCCESS	INACTIVE	FREESAMPLE
			Pack8: PK095	NMVS_SUCCESS	INACTIVE	FREESAMPLE
			Pack9: PK096	NMVS_SUCCESS	INACTIVE	FREESAMPLE

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NOTE: Steps T1, T2, T5 and T6 are for test purposes only. To perform a mixed bulk (G195) later on IQE or Production, it's not needed to do a bulk verify / check bulk result (G115 / G188) before and afterwards.

8.28.3 TC-G195-03 Mixed Bulk Successful – Scenario 3

ID	TC-G195-03
Name	Mixed bulk successful – Scenario 3
Description	A mixed bulk with different use cases for 9 packs, each in state ACTIVE, will be executed. Three different actions are considered: 3 x Destroy, 3 x Lock and 3 x Stolen. All actions will be executed successfully.
Alternatives	n/a
Required Use Cases	G115, G130, G170, G180, G188, G195, G196
Test Data	PK097 – PK105
Acceptance Criteria	T4 and T6: 3 packs in state INACTIVE with reason destroyed, 3 packs in state INACTIVE with reason locked and 3 packs in state INACTIVE with reason stolen.

Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G115	Verify all packs.	IN:			
			Pack1: PK097			
			Pack2: PK098			
			Pack3: PK099			
			Pack4: PK100			
			Pack5: PK101			
			Pack6: PK102			
			Pack7: PK103			
			Pack8: PK104			
			Pack9: PK105			
			OUT:			
			TransactionID	NMVS_SUCCESS	n/a	n/a
T2	G188	Check bulk result. Repeat as long as NMVS_FE_TX_02 is returned.	IN:			
			TransactionID: result of T1			
			OUT:			
			Pack1: PK097	NMVS_SUCCESS	ACTIVE	n/a
			Pack2: PK098	NMVS_SUCCESS	ACTIVE	n/a
			Pack3: PK099	NMVS_SUCCESS	ACTIVE	n/a
			Pack4: PK100	NMVS_SUCCESS	ACTIVE	n/a
			Pack5: PK101	NMVS_SUCCESS	ACTIVE	n/a
			Pack6: PK102	NMVS_SUCCESS	ACTIVE	n/a
			Pack7: PK103	NMVS_SUCCESS	ACTIVE	n/a
Pack8: PK104	NMVS_SUCCESS	ACTIVE	n/a			
Pack9: PK105	NMVS_SUCCESS	ACTIVE	n/a			
T3	G195		IN:			

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Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
		Mixed bulk all packs. Pack1-3: G130 Pack4-6: G170 Pack7-9: G180	Pack1: PK097 Pack2: PK098 Pack3: PK099 Pack4: PK100 Pack5: PK101 Pack6: PK102 Pack7: PK103 Pack8: PK104 Pack9: PK105 OUT: TransactionID			
T4	G196	Check bulk result. Repeat as long as NMVS_FE_TX_02 is returned.	IN: TransactionID: result of T3 OUT: TransactionID	NMVS_SUCCESS	n/a	n/a
			Pack1: PK097 Pack2: PK098 Pack3: PK099 Pack4: PK100 Pack5: PK101 Pack6: PK102 Pack7: PK103 Pack8: PK104 Pack9: PK105	NMVS_SUCCESS	INACTIVE	DESTROYED
				NMVS_SUCCESS	INACTIVE	DESTROYED
				NMVS_SUCCESS	INACTIVE	DESTROYED
				NMVS_SUCCESS	INACTIVE	LOCKED
				NMVS_SUCCESS	INACTIVE	LOCKED
				NMVS_SUCCESS	INACTIVE	LOCKED
				NMVS_SUCCESS	INACTIVE	STOLEN
				NMVS_SUCCESS	INACTIVE	STOLEN
				NMVS_SUCCESS	INACTIVE	STOLEN
T5	G115	Verify again	IN: Pack1: PK097 Pack2: PK098 Pack3: PK099 Pack4: PK100 Pack5: PK101 Pack6: PK102 Pack7: PK103 Pack8: PK104 Pack9: PK105 OUT: TransactionID			
				NMVS_SUCCESS	n/a	n/a
T6	G188	Check bulk result. Repeat as long as	IN: TransactionID: result of T5 OUT: Pack1: PK097			
				NMVS_SUCCESS	INACTIVE	DESTROYED

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
		NMVS_FE_TX_02 is returned.	Pack2: PK098	NMVS_SUCCESS	INACTIVE	DESTROYED
			Pack3: PK099	NMVS_SUCCESS	INACTIVE	DESTROYED
			Pack4: PK100	NMVS_SUCCESS	INACTIVE	LOCKED
			Pack5: PK101	NMVS_SUCCESS	INACTIVE	LOCKED
			Pack6: PK102	NMVS_SUCCESS	INACTIVE	LOCKED
			Pack7: PK103	NMVS_SUCCESS	INACTIVE	STOLEN
			Pack8: PK104	NMVS_SUCCESS	INACTIVE	STOLEN
			Pack9: PK105	NMVS_SUCCESS	INACTIVE	STOLEN

NOTE: Steps T1, T2, T5 and T6 are for test purposes only. To perform a mixed bulk (G195) later on IQE or Production, it's not needed to do a bulk verify / check bulk result (G115 / G188) before and afterwards.


8.28.4 TC-G195-04 Mixed Bulk Successful – Scenario 4

ID TC-G195-04	
Name	Mixed bulk successful – Scenario 4
Description	A mixed bulk with different use cases for 9 packs, each in state ACTIVE, will be executed. Three different actions are considered: 3 x Dispense, 3 x Free Sample and 3 x Stolen. All actions will be executed successfully.
Alternatives	n/a
Required Use Cases	G115, G120, G160, G180, G188, G195, G196
Test Data	PK106 – PK114
Acceptance Criteria	T4 and T6: 3 packs in state INACTIVE with reason SUPPLIED, 3 packs in state INACTIVE with reason free sample and 3 packs in state INACTIVE with reason stolen.

Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G115	Verify all packs.	IN:			
			Pack1: PK106			
			Pack2: PK107			
			Pack3: PK108			
			Pack4: PK109			
			Pack5: PK110			
			Pack6: PK111			
			Pack7: PK112			
			Pack8: PK113			
			Pack9: PK114			
			OUT:			
			TransactionID	NMVS_SUCCESS	n/a	n/a
T2	G188		IN:			

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
		Check bulk result.	TransactionID: result of T1			
		Repeat as long as NMVS_FE_TX_02 is returned.	OUT:			
			Pack1: PK106	NMVS_SUCCESS	ACTIVE	n/a
			Pack2: PK107	NMVS_SUCCESS	ACTIVE	n/a
			Pack3: PK108	NMVS_SUCCESS	ACTIVE	n/a
			Pack4: PK109	NMVS_SUCCESS	ACTIVE	n/a
			Pack5: PK110	NMVS_SUCCESS	ACTIVE	n/a
			Pack6: PK111	NMVS_SUCCESS	ACTIVE	n/a
			Pack7: PK112	NMVS_SUCCESS	ACTIVE	n/a
			Pack8: PK113	NMVS_SUCCESS	ACTIVE	n/a
			Pack9: PK114	NMVS_SUCCESS	ACTIVE	n/a
T3	G195	Mixed bulk all packs.	IN:			
			Pack1: PK106			
			Pack2: PK107			
		Pack1-3: G120	Pack3: PK108			
		Pack4-6: G160	Pack4: PK109			
		Pack7-9: G180	Pack5: PK110			
			Pack6: PK111			
			Pack7: PK112			
			Pack8: PK113			
			Pack9: PK114			
			OUT:			
			TransactionID	NMVS_SUCCESS	n/a	n/a
T4	G196	Check bulk result.	IN:			
		Repeat as long as NMVS_FE_TX_02 is returned.	TransactionID: result of T3			
			OUT:			
			Pack1: PK106	NMVS_SUCCESS	INACTIVE	SUPPLIED
			Pack2: PK107	NMVS_SUCCESS	INACTIVE	SUPPLIED
			Pack3: PK108	NMVS_SUCCESS	INACTIVE	SUPPLIED
			Pack4: PK109	NMVS_SUCCESS	INACTIVE	FREESAMPLE
			Pack5: PK110	NMVS_SUCCESS	INACTIVE	FREESAMPLE
			Pack6: PK111	NMVS_SUCCESS	INACTIVE	FREESAMPLE
			Pack7: PK112	NMVS_SUCCESS	INACTIVE	STOLEN
			Pack8: PK113	NMVS_SUCCESS	INACTIVE	STOLEN
			Pack9: PK114	NMVS_SUCCESS	INACTIVE	STOLEN
T5	G115	Verify again	IN:			
			Pack1: PK106			
			Pack2: PK107			
			Pack3: PK108			
			Pack4: PK109			
			Pack5: PK110			

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Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
			Pack6: PK111			
			Pack7: PK112			
			Pack8: PK113			
			Pack9: PK114			
			OUT:			
			TransactionID	NMVS_SUCCESS	n/a	n/a
T6	G188	Check bulk result. Repeat as long as NMVS_FE_TX_02 is returned.	IN:			
			TransactionID: result of T5			
			OUT:			
			Pack1: PK106	NMVS_SUCCESS	INACTIVE	SUPPLIED
			Pack2: PK107	NMVS_SUCCESS	INACTIVE	SUPPLIED
			Pack3: PK108	NMVS_SUCCESS	INACTIVE	SUPPLIED
			Pack4: PK109	NMVS_SUCCESS	INACTIVE	FREESAMPLE
			Pack5: PK110	NMVS_SUCCESS	INACTIVE	FREESAMPLE
			Pack6: PK111	NMVS_SUCCESS	INACTIVE	FREESAMPLE
			Pack7: PK112	NMVS_SUCCESS	INACTIVE	STOLEN
			Pack8: PK113	NMVS_SUCCESS	INACTIVE	STOLEN
			Pack9: PK114	NMVS_SUCCESS	INACTIVE	STOLEN

NOTE: Steps T1, T2, T5 and T6 are for test purposes only. To perform a mixed bulk (G195) later on IQE or Production, it's not needed to do a bulk verify / check bulk result (G115 / G188) before and afterwards.

8.28.5 TC-G195-05 Mixed Bulk Successful – Scenario 5

ID TC-G195-05	
Name	Mixed bulk successful – Scenario 5
Description	A mixed bulk with different use cases for 9 packs, each in state ACTIVE, will be executed. Three different actions are considered: 3 x Export, 3 x Sample and 3 x Locked. All actions will be executed successfully.
Alternatives	n/a
Required Use Cases	G115, G140, G150, G170, G188, G195, G196
Test Data	PK115 – PK123
Acceptance Criteria	T4 and T6: 3 packs in state INACTIVE with reason export, 3 packs in state INACTIVE with reason sample and 3 packs in state INACTIVE with reason locked.

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Test:


Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G115	Verify all packs.	IN:			
			Pack1: PK115			
			Pack2: PK116			
			Pack3: PK117			
			Pack4: PK118			
			Pack5: PK119			
			Pack6: PK120			
			Pack7: PK121			
			Pack8: PK122			
			Pack9: PK123			
			OUT:			
			TransactionID	NMVS_SUCCESS	n/a	n/a
T2	G188	Check bulk result. Repeat as long as NMVS_FE_TX_02 is returned.	IN:			
			TransactionID: result of T1			
			OUT:			
			Pack1: PK115	NMVS_SUCCESS	ACTIVE	n/a
			Pack2: PK116	NMVS_SUCCESS	ACTIVE	n/a
			Pack3: PK117	NMVS_SUCCESS	ACTIVE	n/a
			Pack4: PK118	NMVS_SUCCESS	ACTIVE	n/a
			Pack5: PK119	NMVS_SUCCESS	ACTIVE	n/a
			Pack6: PK120	NMVS_SUCCESS	ACTIVE	n/a
			Pack7: PK121	NMVS_SUCCESS	ACTIVE	n/a
			Pack8: PK122	NMVS_SUCCESS	ACTIVE	n/a
			Pack9: PK123	NMVS_SUCCESS	ACTIVE	n/a
T3	G195	Mixed bulk all packs. Pack1-3: G140 Pack4-6: G150 Pack7-9: G170	IN:			
			Pack1: PK115			
			Pack2: PK116			
			Pack3: PK117			
			Pack4: PK118			
			Pack5: PK119			
			Pack6: PK120			
			Pack7: PK121			
			Pack8: PK122			
			Pack9: PK123			
			OUT:			
			TransactionID	NMVS_SUCCESS	n/a	n/a
T4	G196	Check bulk result. Repeat as long as	IN:			
			TransactionID: result of T3			
			OUT:			
			TransactionID	NMVS_SUCCESS	n/a	n/a

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
		NMVS_FE_TX_02 is returned.				
T5	G115	Verify again	IN:			
			Pack1: PK115			
			Pack2: PK116			
			Pack3: PK117			
			Pack4: PK118			
			Pack5: PK119			
			Pack6: PK120			
			Pack7: PK121			
			Pack8: PK122			
			Pack9: PK123			
					OUT:	
		TransactionID	NMVS_SUCCESS	n/a	n/a	
T6	G188	Check bulk result. Repeat as long as NMVS_FE_TX_02 is returned.	IN:			
			TransactionID: result of T5			
			OUT:			
			Pack1: PK115	NMVS_SUCCESS	INACTIVE	EXPORTED
			Pack2: PK116	NMVS_SUCCESS	INACTIVE	EXPORTED
			Pack3: PK117	NMVS_SUCCESS	INACTIVE	EXPORTED
			Pack4: PK118	NMVS_SUCCESS	INACTIVE	SAMPLE
			Pack5: PK119	NMVS_SUCCESS	INACTIVE	SAMPLE
			Pack6: PK120	NMVS_SUCCESS	INACTIVE	SAMPLE
			Pack7: PK121	NMVS_SUCCESS	INACTIVE	LOCKED
			Pack8: PK122	NMVS_SUCCESS	INACTIVE	LOCKED
Pack9: PK123	NMVS_SUCCESS	INACTIVE	LOCKED			

NOTE: Steps T1, T2, T5 and T6 are for test purposes only. To perform a mixed bulk (G195) later on IQE or Production, it's not needed to do a bulk verify / check bulk result (G115 / G188) before and afterwards.

8.28.6 TC-G195-06 Mixed Bulk Successful – Scenario 6

ID	TC-G195-06
Name	Mixed bulk successful – Scenario 6
Description	A mixed bulk with different use cases for 6 packs, each in state INACTIVE, will be executed. Three different actions are considered: 3 x Undo dispense and 3 x Undo sample. All actions will be executed successfully.
Alternatives	n/a
Required Use Cases	G115, G121, G151, G188, G195, G196
Test Data	PK212 – PK214, PK284 – PK286
Acceptance Criteria	T9 and T10: 6 packs in state ACTIVE without reason.

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Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G115	Verify packs.	IN:			
			Pack1: PK212			
			Pack2: PK213			
			Pack3: PK214			
			OUT:			
			TransactionID	NMVS_SUCCESS	n/a	n/a
T2	G115	Verify packs	IN:			
			Pack4: PK284			
			Pack5: PK285			
			Pack6: PK286			
			OUT:			
			TransactionID	NMVS_SUCCESS	n/a	n/a
T3	G188	Check bulk result. Repeat as long as NMVS_FE_TX_02 is returned.	IN:			
			TransactionID: result of T1			
			OUT:			
			Pack1: PK212	NMVS_SUCCESS	INACTIVE	SUPPLIED
			Pack2: PK213	NMVS_SUCCESS	INACTIVE	SUPPLIED
			Pack3: PK214	NMVS_SUCCESS	INACTIVE	SUPPLIED
T4	G188	Check bulk result. Repeat as long as NMVS_FE_TX_02 is returned.	IN:			
			TransactionID: result of T2			
			OUT:			
			Pack4: PK284	NMVS_SUCCESS	INACTIVE	SAMPLE
			Pack5: PK285	NMVS_SUCCESS	INACTIVE	SAMPLE
			Pack6: PK286	NMVS_SUCCESS	INACTIVE	SAMPLE
T5	G195	Mixed bulk all packs. Pack1-3: G121 Pack4-6: G151	IN:			
			Pack1: PK212			
			Pack2: PK213			
			Pack3: PK214			
			Pack4: PK284			
			Pack5: PK285			
			Pack6: PK286			
			OUT:			
			TransactionID	NMVS_SUCCESS	n/a	n/a
T6	G196	Check bulk result. Repeat as long as	IN:			
			TransactionID: result of T5			
			OUT:			
			TransactionID	NMVS_SUCCESS	n/a	n/a

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Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
		NMVS_FE_TX_02 is returned.				
T7	G115	Verify again	IN:			
			Pack1: PK212			
			Pack2: PK213			
			Pack3: PK214			
			OUT:			
		TransactionID	NMVS_SUCCESS	n/a	n/a	
T8	G115	Verify again	IN:			
			Pack4: PK284			
			Pack5: PK285			
			Pack6: PK286			
			OUT:			
		TransactionID	NMVS_SUCCESS	n/a	n/a	
T9	G188	Check bulk result. Repeat as long as NMVS_FE_TX_02 is returned.	IN:			
			TransactionID: result of T7			
			OUT:			
			Pack1: PK212	NMVS_SUCCESS	ACTIVE	n/a
			Pack2: PK213	NMVS_SUCCESS	ACTIVE	n/a
		Pack3: PK214	NMVS_SUCCESS	ACTIVE	n/a	
T10	G188	Check bulk result. Repeat as long as NMVS_FE_TX_02 is returned.	IN:			
			TransactionID: result of T8			
			OUT:			
			Pack4: PK284	NMVS_SUCCESS	ACTIVE	n/a
			Pack5: PK285	NMVS_SUCCESS	ACTIVE	n/a
		Pack6: PK286	NMVS_SUCCESS	ACTIVE	n/a	

NOTE: Steps T1 – T4 and T7 – T10 are for test purposes only. To perform a mixed bulk (G195) later on IQE or Production, it's not needed to do a bulk verify / check bulk result (G115 / G188) before and afterwards.

8.28.7 TC-G195-07 Mixed Bulk Successful – Scenario 7

ID TC-G195-07	
Name	Mixed bulk successful – Scenario 7
Description	A mixed bulk with different use cases for 6 packs, each in state INACTIVE, will be executed. Three different actions are considered: 3 x Undo export and 3 x Undo free sample. All actions will be executed successfully.
Alternatives	n/a
Required Use Cases	G115, G141, G161, G188, G195, G196
Test Data	PK266 – PK268, PK302 – PK304
Acceptance Criteria	T9 and T10: 6 packs in state ACTIVE without reason.


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Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G115	Verify all packs.	IN:			
			Pack1: PK266			
			Pack2: PK267			
			Pack3: PK268			
			OUT:			
			TransactionID	NMVS_SUCCESS	n/a	n/a
T2	G115	Verify all packs.	IN:			
			Pack4: PK302			
			Pack5: PK303			
			Pack6: PK304			
			OUT:			
			TransactionID	NMVS_SUCCESS	n/a	n/a
T3	G188	Check bulk result.	IN:			
			TransactionID: result of T1			
		Repeat as long as NMVS_FE_TX_02 is returned.	OUT:			
			Pack1: PK266	NMVS_SUCCESS	INACTIVE	EXPORTED
			Pack2: PK267	NMVS_SUCCESS	INACTIVE	EXPORTED
			Pack3: PK268	NMVS_SUCCESS	INACTIVE	EXPORTED
T4	G188	Check bulk result.	IN:			
			TransactionID: result of T2			
		Repeat as long as NMVS_FE_TX_02 is returned.	OUT:			
			Pack4: PK302	NMVS_SUCCESS	INACTIVE	FREESAMPLE
			Pack5: PK303	NMVS_SUCCESS	INACTIVE	FREESAMPLE
			Pack6: PK304	NMVS_SUCCESS	INACTIVE	FREESAMPLE
T5	G195	Mixed bulk all packs. Pack1-3: G141 Pack4-6: G161	IN:			
			Pack1: PK266			
			Pack2: PK267			
			Pack3: PK268			
			Pack4: PK302			
			Pack5: PK303			
			Pack6: PK304			
			OUT:			
						TransactionID
T6	G196	Check bulk result.	IN:			
			TransactionID: result of T5			
		Repeat as long as NMVS_FE_TX_02 is returned.	OUT:			
			TransactionID	NMVS_SUCCESS	n/a	n/a
T7	G115	Verify again	IN:			

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Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
			Pack1: PK266			
			Pack2: PK267			
			Pack3: PK268			
			OUT:			
			TransactionID	NMVS_SUCCESS	n/a	n/a
T8	G115	Verify again	IN:			
			Pack4: PK302			
			Pack5: PK303			
			Pack6: PK304			
			OUT:			
			TransactionID	NMVS_SUCCESS	n/a	n/a
T9	G188	Check bulk result. Repeat as long as NMVS_FE_TX_02 is returned.	IN:			
			TransactionID: result of T7			
			OUT:			
			Pack1: PK266	NMVS_SUCCESS	ACTIVE	n/a
			Pack2: PK267	NMVS_SUCCESS	ACTIVE	n/a
			Pack3: PK268	NMVS_SUCCESS	ACTIVE	n/a
T10	G188	Check bulk result. Repeat as long as NMVS_FE_TX_02 is returned.	IN:			
			TransactionID: result of T7			
			OUT:			
			Pack4: PK302	NMVS_SUCCESS	ACTIVE	n/a
			Pack5: PK303	NMVS_SUCCESS	ACTIVE	n/a
			Pack6: PK304	NMVS_SUCCESS	ACTIVE	n/a

NOTE: Steps T1 – T4 and T7 – T10 are for test purposes only. To perform a mixed bulk (G195) later on IQE or Production, it's not needed to do a bulk verify / check bulk result (G115 / G188) before and afterwards.

8.28.8 TC-G195-08 Mixed Bulk Successful – Scenario 8

ID	TC-G195-08
Name	Mixed bulk successful – Scenario 8
Description	A mixed bulk with different use cases for 6 packs, each in state INACTIVE, will be executed. Three different actions are considered: 3 x Undo sample and 3 x Undo lock. All actions will be executed successfully.
Alternatives	n/a
Required Use Cases	G115, G151, G171, G188, G195, G196
Test Data	PK287 – PK289, PK320 – PK322
Acceptance Criteria	T9 and T10: 6 packs in state ACTIVE without reason.


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Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G115	Verify packs.	IN:			
			Pack1: PK287			
			Pack2: PK288			
			Pack3: PK289			
			OUT:			
			TransactionID	NMVS_SUCCESS	n/a	n/a
T2	G115	Verify packs.	IN:			
			Pack4: PK320			
			Pack5: PK321			
			Pack6: PK322			
			OUT:			
			TransactionID	NMVS_SUCCESS	n/a	n/a
T3	G188	Check bulk result. Repeat as long as NMVS_FE_TX_02 is returned.	IN:			
			TransactionID: result of T1			
			OUT:			
			Pack1: PK287	NMVS_SUCCESS	INACTIVE	SAMPLE
			Pack2: PK288	NMVS_SUCCESS	INACTIVE	SAMPLE
			Pack3: PK289	NMVS_SUCCESS	INACTIVE	SAMPLE
T4	G188	Check bulk result. Repeat as long as NMVS_FE_TX_02 is returned.	IN:			
			TransactionID: result of T2			
			OUT:			
			Pack4: PK320	NMVS_SUCCESS	INACTIVE	LOCKED
			Pack5: PK321	NMVS_SUCCESS	INACTIVE	LOCKED
			Pack6: PK322	NMVS_SUCCESS	INACTIVE	LOCKED
T5	G195	Mixed bulk all packs. Pack1-3: G151 Pack4-6: G171	IN:			
			Pack1: PK287			
			Pack2: PK288			
			Pack3: PK289			
			Pack4: PK320			
			Pack5: PK321			
			Pack6: PK322			
			OUT:			
			TransactionID	NMVS_SUCCESS	n/a	n/a
T6	G196	Check bulk result. Repeat as long as NMVS_FE_TX_02 is returned.	IN:			
			TransactionID: result of T3			
			OUT:			
			TransactionID	NMVS_SUCCESS	n/a	n/a
T7	G115	Verify again	IN:			

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Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
			Pack1: PK287			
			Pack2: PK288			
			Pack3: PK289			
			OUT:			
			TransactionID	NMVS_SUCCESS	n/a	n/a
T8	G115	Verify again	IN:			
			Pack4: PK320			
			Pack5: PK321			
			Pack6: PK322			
			OUT:			
			TransactionID	NMVS_SUCCESS	n/a	n/a
T9	G188	Check bulk result.	IN:			
			TransactionID: result of T7			
		Repeat as long as NMVS_FE_TX_02 is returned.	OUT:			
			Pack1: PK287	NMVS_SUCCESS	ACTIVE	n/a
			Pack2: PK288	NMVS_SUCCESS	ACTIVE	n/a
			Pack3: PK289	NMVS_SUCCESS	ACTIVE	n/a
T10	G188	Check bulk result.	IN:			
			TransactionID: result of T8			
		Repeat as long as NMVS_FE_TX_02 is returned.	OUT:			
			Pack4: PK320	NMVS_SUCCESS	ACTIVE	n/a
			Pack5: PK321	NMVS_SUCCESS	ACTIVE	n/a
			Pack6: PK322	NMVS_SUCCESS	ACTIVE	n/a

NOTE: Steps T1 – T4 and T7 – T10 are for test purposes only. To perform a mixed bulk (G195) later on IQE or Production, it's not needed to do a bulk verify / check bulk result (G115 / G188) before and afterwards.

8.28.9 TC-G195-09 Mixed Bulk Successful – Scenario 9

ID	TC-G195-09
Name	Mixed bulk successful – Scenario 9
Description	A mixed bulk with different use cases for 6 packs, each in state INACTIVE, will be executed. Three different actions are considered: 3 x Undo dispense and 3 x Undo free sample. All actions will be executed successfully.
Alternatives	n/a
Required Use Cases	G115, G121, G161, G188, G195, G196
Test Data	PK215 – PK217, PK305 – PK307
Acceptance Criteria	T9 and T10: 6 packs in state ACTIVE without reason.

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Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G115	Verify all packs.	IN:			
			Pack1: PK215			
			Pack2: PK216			
			Pack3: PK217			
			OUT:			
			TransactionID	NMVS_SUCCESS	n/a	n/a
T2	G115	Verify all packs.	IN:			
			Pack4: PK305			
			Pack5: PK306			
			Pack6: PK307			
			OUT:			
			TransactionID	NMVS_SUCCESS	n/a	n/a
T3	G188	Check bulk result.	IN:			
			TransactionID: result of T1			
		Repeat as long as NMVS_FE_TX_02 is returned.	OUT:			
		Pack1: PK215	NMVS_SUCCESS	INACTIVE	SUPPLIED	
Pack2: PK216	NMVS_SUCCESS	INACTIVE	SUPPLIED			
Pack3: PK217	NMVS_SUCCESS	INACTIVE	SUPPLIED			
T4	G188	Check bulk result.	IN:			
			TransactionID: result of T2			
		Repeat as long as NMVS_FE_TX_02 is returned.	OUT:			
		Pack4: PK305	NMVS_SUCCESS	INACTIVE	FREESAMPLE	
Pack5: PK306	NMVS_SUCCESS	INACTIVE	FREESAMPLE			
Pack6: PK307	NMVS_SUCCESS	INACTIVE	FREESAMPLE			
T5	G195	Mixed bulk all packs. Pack1-3: G121 Pack4-6: G161	IN:			
			Pack1: PK215			
			Pack2: PK216			
			Pack3: PK217			
			Pack4: PK305			
			Pack5: PK306			
			Pack6: PK307			
			OUT:			
			TransactionID	NMVS_SUCCESS	n/a	n/a
T6	G196	Check bulk result.	IN:			
			TransactionID: result of T5			
			OUT:			

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
		Repeat as long as NMVS_FE_TX_02 is returned.	TransactionID	NMVS_SUCCESS	n/a	n/a
T7	G115	Verify again	IN:			
			Pack1: PK215			
			Pack2: PK216			
			Pack3: PK217			
			OUT:			
			TransactionID	NMVS_SUCCESS	n/a	n/a
T8	G115	Verify again	IN:			
			Pack4: PK305			
			Pack5: PK306			
			Pack6: PK307			
			OUT:			
			TransactionID	NMVS_SUCCESS	n/a	n/a
T9	G188	Check bulk result. Repeat as long as NMVS_FE_TX_02 is returned.	IN:			
			TransactionID: result of T7			
			OUT:			
			Pack1: PK215	NMVS_SUCCESS	ACTIVE	n/a
			Pack2: PK216	NMVS_SUCCESS	ACTIVE	n/a
			Pack3: PK217	NMVS_SUCCESS	ACTIVE	n/a
T10	G188	Check bulk result. Repeat as long as NMVS_FE_TX_02 is returned.	IN:			
			TransactionID: result of T8			
			OUT:			
			Pack4: PK305	NMVS_SUCCESS	ACTIVE	n/a
			Pack5: PK306	NMVS_SUCCESS	ACTIVE	n/a
			Pack6: PK307	NMVS_SUCCESS	ACTIVE	n/a

NOTE: Steps T1 – T4, T7 – T10 are for test purposes only. To perform a mixed bulk (G195) later on IQE or Production, it's not needed to do a bulk verify / check bulk result (G115 / G188) before and afterwards.


8.28.10 TC-G195-10 Mixed Bulk Successful – Scenario 10

ID TC-G195-10	
Name	Mixed bulk successful – Scenario 10
Description	A mixed bulk with different use cases for 6 packs, each in state INACTIVE, will be executed. Three different actions are considered: 3 x Undo export and 3 x Undo locked. All actions will be executed successfully.
Alternatives	n/a
Required Use Cases	G115, G141, G171, G188, G195, G196
Test Data	PK269 – PK271, PK323 – PK325
Acceptance Criteria	T9 and T10: 6 packs in state ACTIVE without reason.

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Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G115	Verify all packs.	IN:			
			Pack1: PK269			
			Pack2: PK270			
			Pack3: PK271			
			OUT:			
			TransactionID	NMVS_SUCCESS	n/a	n/a
T2	G115	Verify all packs.	IN:			
			Pack4: PK323			
			Pack5: PK324			
			Pack6: PK325			
			OUT:			
			TransactionID	NMVS_SUCCESS	n/a	n/a
T3	G188	Check bulk result. Repeat as long as NMVS_FE_TX_02 is returned.	IN:			
			TransactionID: result of T1			
			OUT:			
			Pack1: PK269	NMVS_SUCCESS	INACTIVE	EXPORTED
			Pack2: PK270	NMVS_SUCCESS	INACTIVE	EXPORTED
			Pack3: PK271	NMVS_SUCCESS	INACTIVE	EXPORTED
T4	G188	Check bulk result. Repeat as long as NMVS_FE_TX_02 is returned.	IN:			
			TransactionID: result of T2			
			OUT:			
			Pack4: PK323	NMVS_SUCCESS	INACTIVE	LOCKED
			Pack5: PK324	NMVS_SUCCESS	INACTIVE	LOCKED
			Pack6: PK325	NMVS_SUCCESS	INACTIVE	LOCKED
T5	G195	Mixed bulk all packs. Pack1-3: G141 Pack4-6: G171	IN:			
			Pack1: PK269			
			Pack2: PK270			
			Pack3: PK271			
			Pack4: PK323			
			Pack5: PK324			
			Pack6: PK325			
			OUT:			
			TransactionID	NMVS_SUCCESS	n/a	n/a
T6	G196	Check bulk result. Repeat as long as	IN:			
			TransactionID: result of T5			
			OUT:			
			TransactionID	NMVS_SUCCESS	n/a	n/a

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Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
		NMVS_FE_TX_02 is returned.				
T7	G115	Verify again	IN:			
			Pack1: PK269			
			Pack2: PK270			
			Pack3: PK271			
			OUT:			
		TransactionID	NMVS_SUCCESS	n/a	n/a	
T8	G115	Verify again	IN:			
			Pack4: PK323			
			Pack5: PK324			
			Pack6: PK325			
			OUT:			
		TransactionID	NMVS_SUCCESS	n/a	n/a	
T9	G188	Check bulk result. Repeat as long as NMVS_FE_TX_02 is returned.	IN:			
			TransactionID: result of T7			
			OUT:			
			Pack1: PK269	NMVS_SUCCESS	ACTIVE	n/a
			Pack2: PK270	NMVS_SUCCESS	ACTIVE	n/a
		Pack3: PK271	NMVS_SUCCESS	ACTIVE	n/a	
T10	G188	Check bulk result. Repeat as long as NMVS_FE_TX_02 is returned.	IN:			
			TransactionID: result of T8			
			OUT:			
			Pack4: PK323	NMVS_SUCCESS	ACTIVE	n/a
			Pack5: PK324	NMVS_SUCCESS	ACTIVE	n/a
		Pack6: PK325	NMVS_SUCCESS	ACTIVE	n/a	

NOTE: Steps T1, T2, T5 and T6 are for test purposes only. To perform a mixed bulk (G195) later on IQE or Production, it's not needed to do a bulk verify / check bulk result (G115 / G188) before and afterwards.

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8.28.11 TC-G195-11 Mixed Bulk not Successful

ID	TC-G195-11
Name	Mixed bulk not successful
Description	A mixed bulk with different use cases for 9 packs, each in state ACTIVE, where the batch data could not be found in the NMVS-database of the NMVS will be executed. Three different actions are considered: 3 x Dispense, 3 x Destroy and 3 x Sample. The System shall return an error message. Please change the provided batch-identification of the test package. It is sufficient to change the first letter of the batch-identification.
Alternatives	n/a
Required Use Cases	G120, G130, G150, G195, G196
Test Data	PK124 – PK132
Acceptance Criteria	T2: G196 for G195 Return NMVS_FE_LOT_03

Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G195	Mixed bulk all packs. Pack1-3: G120 Pack4-6: G130 Pack7-9: G150	IN:			
			Pack1: PK124			
			Pack2: PK125			
			Pack3: PK126			
			Pack4: PK127			
			Pack5: PK128			
			Pack6: PK129			
			Pack7: PK130			
			Pack8: PK131			
			Pack9: PK132			
		OUT:				
		TransactionID	NMVS_SUCCESS	n/a	n/a	
T2	G196	Check bulk result. Repeat as long as NMVS_FE_TX_02 is returned.	IN:			
			TransactionID: result of T1			
			OUT:			
		TransactionID	NMVS_FE_LOT_03	Unknown	n/a	


8.28.12 TC-G195-12 Mixed Bulk not Successful

ID	TC-G195-12
Name	Mixed bulk not successful

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Description	A mixed bulk with different use cases for 9 packs, each in state ACTIVE, with an unknown product code will be executed. Three different actions are considered: 3 x Dispense, 3 x Destroy and 3 x Sample. The System shall return an error message. Please change the provided product code of the test package. It is sufficient to change the first number of the product code.
Alternatives	n/a
Required Use Cases	G120, G130, G150, G195, G196
Test Data	PK133 – PK141
Acceptance Criteria	T2: G196 for G195 Return NMVS_NC_PC_01


Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G195	Mixed bulk all packs. Pack1-3: G120 Pack4-6: G130 Pack7-9: G150	IN:			
			Pack1: PK133			
			Pack2: PK134			
			Pack3: PK135			
			Pack4: PK136			
			Pack5: PK137			
			Pack6: PK138			
			Pack7: PK139			
			Pack8: PK140			
			Pack9: PK141			
			OUT:			
TransactionID	NMVS_SUCCESS	n/a	n/a			
T2	G196	Check bulk result. Repeat as long as NMVS_FE_TX_02 is returned.	IN: TransactionID: result of T1			
			OUT: TransactionID	NMVS_NC_PC_01	n/a	n/a

8.28.13 TC-G195-13 Mixed Bulk not Successful

ID TC-G195-13	
Name	Mixed bulk not successful
Description	A mixed bulk with different use cases for 9 packs, where the pack status is "INACTIVE" will be executed. In addition, these pack will be verified before dispense. The System shall return an error message.
Alternatives	n/a

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Required Use Cases	G115, G120, G130, G150, G188, G195, G196
Test Data	PK218 – PK226
Acceptance Criteria	T2: G188 for G115 Return of state Inactive T4: G196 for G195 Return NMVS_NC_PCK_22

Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G115	Verify all packs.	IN:			
			Pack1: PK218			
			Pack2: PK219			
			Pack3: PK220			
			Pack4: PK221			
			Pack5: PK222			
			Pack6: PK223			
			Pack7: PK224			
			Pack8: PK225			
			Pack9: PK226			
		OUT:				
		TransactionID	NMVS_SUCCESS	n/a	n/a	
T2	G188	Check bulk result. Repeat as long as NMVS_FE_TX_02 is returned.	IN:			
			TransactionID: result of T1			
			OUT:			
			Pack1: PK218	NMVS_SUCCESS	INACTIVE	SUPPLIED
			Pack2: PK219	NMVS_SUCCESS	INACTIVE	SUPPLIED
			Pack3: PK220	NMVS_SUCCESS	INACTIVE	SUPPLIED
			Pack4: PK221	NMVS_SUCCESS	INACTIVE	SUPPLIED
			Pack5: PK222	NMVS_SUCCESS	INACTIVE	SUPPLIED
			Pack6: PK223	NMVS_SUCCESS	INACTIVE	SUPPLIED
			Pack7: PK224	NMVS_SUCCESS	INACTIVE	SUPPLIED
Pack8: PK225	NMVS_SUCCESS	INACTIVE	SUPPLIED			
Pack9: PK226	NMVS_SUCCESS	INACTIVE	SUPPLIED			
T3	G195	Mixed bulk all packs. Pack1-3: G120 Pack4-6: G130 Pack7-9: G150	IN:			
			Pack1: PK218			
			Pack2: PK219			
			Pack3: PK220			
			Pack4: PK221			
			Pack5: PK222			
			Pack6: PK223			
			Pack7: PK224			
			Pack8: PK225			
			Pack9: PK226			
		OUT:				

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Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
			TransactionID	NMVS_SUCCESS	n/a	n/a
T4	G196	Check bulk result. Repeat as long as NMVS_FE_TX_02 is returned.	IN:			
			TransactionID: result of T3			
			OUT:			
			Pack1: PK218	NMVS_NC_PCK_22	n/a	n/a
			Pack2: PK219	NMVS_NC_PCK_22	n/a	n/a
			Pack3: PK220	NMVS_NC_PCK_22	n/a	n/a
			Pack4: PK221	NMVS_NC_PCK_22	n/a	n/a
			Pack5: PK222	NMVS_NC_PCK_22	n/a	n/a
			Pack6: PK223	NMVS_NC_PCK_22	n/a	n/a
			Pack7: PK224	NMVS_NC_PCK_22	n/a	n/a
Pack8: PK225	NMVS_NC_PCK_22	n/a	n/a			
Pack9: PK226	NMVS_NC_PCK_22	n/a	n/a			

NOTE: Steps T1 and T2 are for test purposes only. To perform a mixed bulk (G195) later on IQE or Production, it's not needed to do a bulk verify / check bulk result (G115 / G188) before.


8.28.14 TC-G195-14 Mixed Bulk not Successful

ID TC-G195-14	
Name	Mixed bulk not successful
Description	A mixed bulk with different use cases for 9 packs, each in state ACTIVE, where the processing is not permissible at this point to the workflow will be executed. Three different actions are considered: 3 x Dispense, 3 x Destroy and 3 x Sample. The System shall return an error message.
Alternatives	n/a
Required Use Cases	G120, G130, G150, G195, G196
Test Data	PK142 – PK150
Acceptance Criteria	T2: G196 for G195 Return NMVS_NC_PCK_23

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Test:

Step	Use-Case	Remarks	Data	Expected Result		
				Return Code	State	Reasons
T1	G195	Mixed bulk all packs. Pack1-3: G120 Pack4-6: G130 Pack7-9: G150	IN:			
			Pack1: PK142			
			Pack2: PK143			
			Pack3: PK144			
			Pack4: PK145			
			Pack5: PK146			
			Pack6: PK147			
			Pack7: PK148			
			Pack8: PK149			
			Pack9: PK150			
			OUT:			
			TransactionID	NMVS_SUCCESS	n/a	n/a
T2	G196	Check bulk result. Repeat as long as NMVS_FE_TX_02 is returned.	IN:			
			TransactionID: result of T1			
			OUT:			
TransactionID	NMVS_NC_PCK_23	n/a	n/a			

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