

User Manual

Aptean Food and Beverage ERP

Beverage Manufacturing

Product Documentation



Contents

- [Release notes](#)
 - [2602.0.0.0](#)
 - [2601.3.0.0](#)
 - [2601.2.0.0](#)
 - [2601.1.0.0](#)
 - [2601.0.0.0](#)
 - [2502.0.0.0](#)
 - [2501.1.0.0](#)
 - [2501.0.0.0](#)
 - [2403.6.0.0](#)
 - [2403.5.0.0](#)
 - [2403.4.0.0](#)
 - [2403.3.0.0](#)
 - [2403.2.0.0](#)
 - [2403.1.0.0](#)
 - [2403.0.0.0](#)
 - [2401.2.0.0](#)
 - [2401.1.0.0](#)
 - [2401.0.0.0](#)
 - [2312.0.0.0](#)
 - [23.500.106994.0](#)
 - [20.202211.0.0](#)
 - [20.202209.0.0](#)
 - [20.202205.0.0](#)
- [Introduction](#)
- [Create your own demo company](#)
- [Setting up Beverage Manufacturing](#)
 - [Manage permission sets](#)
 - [Active ingredient](#)
 - [Set up active ingredient fields](#)
 - [Define the dependency between component in production BOM](#)
- [Training](#)



- [Master data](#)
- [Inbound new lot numbers](#)
- [Active ingredients](#)
- [Principal components](#)
- [Miscellaneous](#)
- [Relation with other apps](#)
- [Business process walkthroughs](#)
 - [Recalculate the expected quantity of the components into production order](#)
- [Design details](#)
- [Production Orders](#)
- [Items](#)
- [Integrations](#)
- [Aptean Production Scenarios](#)



Release notes

Article • 7/22/2026 • 1 min read

To view what's new or changed in each release of the Aptean Beverage Manufacturing extension, Drink-IT Edition, select the specific release version.

Date	Release version	Description
July 2026	2602.0.0.0	Major release
May 2026	2601.3.0.0	Minor release
March 2026	2601.2.0.0	Stability release
February 2026	2601.1.0.0	Platform release
January 2026	2601.0.0.0	Feature release
July 2025	2502.0.0.0	Feature release
May 2025	2501.1.0.0	Stability release
May 2025	2501.0.0.0	Feature release
March 2025	2403.6.0.0	Stability release
February 2025	2403.5.0.0	Stability release
December 2024	2403.4.0.0	Stability release
October 2024	2403.3.0.0	Stability release
September 2024	2403.2.0.0	Stability release
August 2024	2403.1.0.0	Stability release
July 2024	2403.0.0.0	Feature release
June 2024	2401.2.0.0	Stability release
June 2024	2401.1.0.0	Stability release
April 2024	2401.0.0.0	Feature release
January 2024	2312.0.0.0	Feature release
July 2023	23.500.106994.0	Feature release



November 2022	20.202211.0.0	Feature release
September 2022	20.202209.0.0	Feature release
May 2022	20.202205.0.0	Feature release



2602.0.0.0

Release Note • 7/22/2026 • 1 min read

Enhancements/Modifications

With this release of the Aptean Beverage Manufacturing extension, Drink-IT Edition, Brew Number propagation through multi-level Bill of Materials structures has been improved to handle out-of-order production order finishing. Previously, if a higher-level production order was finished before its lower-level counterpart, the **Consumed Brew Number** field on subsequent production order levels remained blank even after all orders were eventually finished. The system now propagates the Brew Number through all remaining BOM levels whenever a new Brew Number is created, ensuring the **Consumed Brew Number** field is populated at every level and full traceability via the **Item Tracing** page is maintained regardless of the order in which production orders are finished.



2601.3.0.0

Release Note • 5/27/2026 • 1 min read

Resolved issues

The following issue has been resolved in this release.

ID	Description
363614	The system fails to update the depending component (e.g., Water) quantity on the Production Journal page when executing the Assign FEFO by Volume*Strength action. Additionally, the system fails to reset the consumption quantity to the originally suggested value when reopening the Production Journal page after closing it without posting a FEFO run.



2601.2.0.0

Release Note • 3/25/2026 • 1 min read

Resolved issues

The following issues have been resolved in this release.

ID	Description
338425	The system fails to apply the Scrap % field value from the Production BOM page when executing the Production Journal Flushing action recalculates consumption quantities after the output quantity is changed on the Production Journal page, resulting in lower consumption quantities than on the production order components.
359363	The system fails to retain the Routing Version Code field value on the Released Production Order page when the Due Date field value is updated.



2601.1.0.0

Release Note • 2/27/2026 • 1 min read

Enhancements/Modifications

With this release of the Aptean Beverage Manufacturing extension, Drink-IT Edition, the following changes have been made to ensure compatibility with Business Central, version 28.

- The *InitFromItemJnlLine* method has been migrated from the *Tracking Specification* table to the *Item Jnl. Line-Reserve* codeunit in the *IntlSelectEntries112FDW* codeunit.
- The *InitFromProdOrderComp* method has been migrated from the *Tracking Specification* table to the *Prod. Order Comp.-Reserve* codeunit in the *IntlSelectEntries112FDW* codeunit.
- Conditional compilation directives (*#if CLEAN25*) have been removed as BC28 requires the new method signatures.
- The *InitFromItemJnlLine*, *InitFromSalesLine*, *InitFromPurchLine*, and *InitFromTransLine* methods have been migrated to their respective *Reserve* codeunits in the *IntLibBeverageProd112FDW* test codeunit.

Note

These changes affect the tracking specification initialization logic during beverage production operations and item tracking line handling.



2601.0.0.0

Release Note • 1/28/2026 • 1 min read

Features

With the feature added in this release of the Aptean Beverage Manufacturing extension, Drink-IT Edition, the Aptean [Feature Control](#) extension allows you to enable or disable the Aptean Beverage Manufacturing extension, Drink-IT Edition, based on your implementation needs. When the application is disabled, its functionality is no longer available to use. If any other extensions depend on the Aptean Beverage Manufacturing extension, Drink-IT Edition, the system automatically disables those extensions as well. This prevents you from accessing dependent functionality and avoid configuration conflicts, ensuring the system remains in a consistent and supported state.



2502.0.0.0

Release Note • 7/2/2025 • 1 min read

Resolved issues

The following issue has been resolved in this release.

ID	Description
300810	The system fails to populate the Bin Code field value in the production order lines when refreshing the Released Production Order page. This issue occurs when the Bin Code field value on the Production Order page is blank.



2501.1.0.0

Release Note • 5/21/2025 • 1 min read

Resolved issues

The following issue has been resolved in this release.

ID	Description
287911	The system allows you to select values in the Routing No. and Routing Version Code fields on the production order header when creating a production order with the Source Type field value set to <i>Family</i> . However, upon refreshing the production order, the system overrides these values with the routing information defined on the Family Card page.



2501.0.0.0

Release Note • 5/7/2025 • 2 min read

Enhancements/Modifications

With this release of the Aptean Beverage Manufacturing extension, Drink-IT Edition, the system determines and updates the **Production BOM No.**, **Production BOM Version Code**, **Routing No.**, **Routing Version Code**, and **Unit of Measure Code** field values in production order lines based on predefined scenarios. For more information, see [Integration with Aptean Production Scenarios](#).

Integrations

The Aptean Beverage Manufacturing extension, Drink-IT Edition, has been integrated with the Aptean [Production Scenarios](#) extension. For more information, see [Integrations](#).

Resolved issues

The following issues have been resolved in this release.

ID	Description
276473	The system fails to updated Prod. BOM Version Code field value from the header to the production order lines after refreshing the order.
280018	The system overrides the manually selected value in the Routing Version Code field on the production order header with the default version code when the status is changed from <i>Firm Planned</i> to <i>Released</i> . This results in a mismatch between the Routing Version Code field values on the production order header and the lines.
282774	The system incorrectly assigns the Routing No. and Production BOM No. field values in the header of the Released Production Order page, even though the correct default BOM and routing are configured for the specific location. This issue occurs when the Aptean Production Scenarios extension is installed and the item is assigned with the production scenario code, and the Default checkbox is selected on the Item Production Scenarios page.
242733	The system incorrectly uses the unit of measure from the Production BOM page instead of the base unit of measure from the Item Card page when refreshing the released production order. This issue occurs when the Aptean Production Scenarios extension is installed.



2403.6.0.0

Release Note • 3/18/2025 • 1 min read

Resolved issues

The following issue has been resolved in this release.

ID	Description
266907	The system incorrectly reverts to the default bin after refreshing a production order instead of retaining the updated bin in the Bin Code field on the Released Production Order page.



2403.5.0.0

Release Note • 2/21/2025 • 1 min read

Resolved issues

The following issue has been resolved in this release.

ID	Description
266177	An error occurs when changing the gross or net weight of an item on the Item Card page. On the Drink-IT Foundation Setup page, if the Sync Weight to Item field is set to <i>Gross Weight</i> , an error appears when changing the net weight. If the Sync Weight to Item field is set to <i>Net Weight</i> , an error appears when changing the gross weight.



2403.4.0.0

Release Note • 12/30/2024 • 1 min read

Resolved issues

The following issue has been resolved in this release.

ID	Description
242732	The system incorrectly updates the value of the Routing No. field in the header of the Firm Planned Prod. Order page when the status of the related production order is changed.



2403.3.0.0

Release Note • 10/23/2024 • 1 min read

Resolved issues

The following issues have been resolved in this release.

ID	Description
193103	The system fails to calculate the Bin Code and Lot No. field values correctly on the Prod. Order Components page. This issue occurs when the Assign FEFO by Volume*Strength action is executed on the Prod. Order Components page, and the <i>All bins in this location</i> option is selected in the dialog box. To achieve a more accurate calculation, the system should consider the Rounding Precision field set on the Item Card page.
120566	The system fails to update the Expected Volume L (Consumption) field on the Prod. Order Components page when the Select Entries action is executed, and a lot is selected on the Item Tracking Lines page.



2403.2.0.0

Release Note • 9/16/2024 • 1 min read

Enhancements/Modifications

With this release of the Aptean Beverage Manufacturing extension, Drink-IT edition, modifications have been made to accommodate the following changes:

- Enhanced application interaction: Procedures have been added to enhance the application interaction, improve upgrade tag management, streamline upgrade and installation processes, and provide additional flexibility by managing upgrades on a per-company and per-database basis.
- Application area refresh: Updates have been implemented to improve the application area refresh process by integrating a new procedure into the *Enable* codeunit.
- Improved management of install and upgrade code: The *Install* and *Upgrade* codeunits have been updated to streamline the handling of installation, reinstallation, and upgrade processes, ensuring smoother transitions and minimizing disruptions during these operations.
- Centralized license management procedures: The existing license management codeunit has been modified to use centralized license management procedures, further reducing the need for application-specific adjustments.
- Enhancements have been made to update the process within the application to handle the *User Group* and *User Group Permission Set* tables. This change ensures compatibility with current and future versions of Business Central, even when the *User Group* and *User Group Permission Set* tables are deprecated.

! Note

The *User Group* and *User Group Permission Set* tables are deprecated in Business Central, version 25.



2403.1.0.0

Release Note • 8/28/2024 • 1 min read

Enhancements/Modifications

With this release of the Aptean Beverage Manufacturing extension, you can select the **Routing Number** and **Routing Version Code** field values for the related finished production order, improving process control and traceability.

UI/UX changes

The **Routing No.** and **Routing Version Code** fields are added to the **Finished Production Orders** list page and **Finished Production Order** card pages.



2403.0.0.0

Release Note • 7/9/2024 • 1 min read

Enhancements/Modifications

Modifications were made to this extension to accommodate personalization, allowing you to add the **Prod. Bom Vrsn Code** and **Routing Vrsn Code** fields to the production overview pages.

UI/UX changes

The **Prod. Bom Vrsn Code** and **Routing Vrsn Code** fields are added to the **Released Production Order**, **Planned Production Order**, **Firm Planned Production Order**, and **Production Order List** pages.



2401.2.0.0

Release Note • 6/26/2024 • 1 min read

Enhancements/Modifications

This extension has been updated to ensure interoperability with the recent changes in the Aptean Beverage Foundation Management extension. To know more, see [What's new in version 2402.1.0.0](#).



2401.1.0.0

Release Note • 6/11/2024 • 1 min read

Resolved issues

The following issue has been resolved in this release.

ID	Description
196270	The Production BOM No. and Routing No. fields are not updated correctly when the Source No. field is changed on an existing Released Production Order page.



2401.0.0.0

Release Note • 4/4/2024 • 1 min read

Resolved issues

The following issue has been resolved in this release:

ID	Description
167909	An error occurs during Warehouse Journal registration due to incorrect field numbering in table extensions for the Warehouse.



2312.0.0.0

Release Note • 1/10/2024 • 1 min read

Enhancement/Modifications

With this release of Aptean Beverage Production, Drink-IT Edition, you can now use the **Assign Tracking by FEFO** and **Assign FEFO by Volume*Strength** actions on the **Consumption Journals** page.

UI/UX changes

On the **Consumption Journals** page, the following actions are added: * **Assign Tracking by FEFO** * **Assign FEFO by Volume*Strength**

Resolved issues

The following issue has been resolved in this release:

ID	Description
154586	The Assign FEFO by Volume*Strength action does not work correctly on the Production Journal page of the selected Released Production Order .



23.500.106994.0

Release Note • 7/6/2023 • 1 min read

Enhancements/Modifications

The **Drink-IT Manufacturing Beverage** has been rebranded as **Aptean Beverage Manufacturing, Drink-IT Edition**.



20.202211.0.0

Release Note • 2/5/2024 • 8 min read

Features

PBI No.	Description
184066	Brewing no. (Gyle no.)
229570	Auto FEFO - Create Additional Prod. Order Component Line for untracked quantity.

Resolved issues

PBI No.	Description
229100	Dependent Component doesn't work correctly.

PBI 184066 - Brewing no. (Gyle no.)

What

Brewing no. (Gyle no.)

Why

As a Production Manager I need to be able to track each produced item to the original brew(s) in 1 step, so I can label the finished items with the used brews and easily trace any finished product by the brew No.

The Brewing no. should have a sequential numbering, gaps are not allowed, for this we use a No. Series.

How

Setup

- The Brew No. Series on the **Item** takes precedence over the settings on the Location.
- The Brew No. Series on the **Location** takes precedence over the settings on the Manufacturing Setup.
- Only enable Brew No. Mandatory on **Lot tracked** brews, not on other items.

On the Manufacturing Setup



1. Select the Search icon , enter **Manufacturing Setup**, and then choose the related link.
2. On the **Beverage Production** FastTab, add a No. Series to the **Brew No. Series** field.
3. Enter a string to divide multiple Brew Nos into the **Brew No. Divider** field, on the **Beverage Production** FastTab .

On the Location

4. Select the Search icon , enter **Locations**, and then choose the related link.
5. Select the location for which you want to add the functionality.
6. Add a No. Series to the **Brew No. Series** field, on the **Beverage Production** FastTab.

On the Item

7. Select the Search icon , enter **Items**, and then choose the related link.
8. Add a No. Series to the **Brew No. Series** field.
9. Enable the **Brew No. Mandatory** field.

Flow

- Before posting output, you need to assign the brew no. with the **Assign Brew No.** action in the Released Production Order.
- When posting output on an item, with Brew No. Mandatory, the brew No will be linked to the Item No. - Lot No. combination in the Brew Numbers.
- When consuming an item, with, or having a predecessor with, Brew No. Mandatory, the Production Order No will be linked to the Brew Nos. of the predecessors by consumption.
- When finishing a Production order, the produced item will be linked to the Item No. - Lot No. combination in the Brew Numbers to all Brew Nos of the predecessors.

Report

- The **Brew No.** and **Consumed Brew Nos.** fields are added to:
 - The Released Production Order List
 - The Released Production Order
 - The Finished Production Order List
 - The Finished Production Order
 - Item Tracing, the field Brew Nos. contains the Brew No. and Consumed Brew Nos.
 - An action Brewing No. List is added to:
 - The Released Production Order
 - The Finished Production Order



PBI 229570 - Auto FEFO - Create Additional Prod. Order Component Line for Untracked Quantity

What

Auto FEFO - Create Additional Prod. Order Component Line for Untracked Quantity.

Why

As a Production employee, I want the actions **Assign Tracking by FEFO** and **Assign FEFO by Volume*Strength** to create an additional consumption line with the correct quantity, so I can easily assign the correct Lot Nos to the different consumption lines.

Note

The additional line will not be created for principal components. The on principal components is not changed.

How

Flow

1. Select the Search icon , enter **Released Production Orders**, and then choose the related link.
2. Select the Production order in which you want to consume.
3. Select
 - Or the action **Assign Component Tracking by FEFO**
 - Or, in the lines, the action **Components**
 - Select the action **Assign Tracking by FEFO** or **Assign FEFO by Volume*Strength**.
4. Additional lines will be created for non-principal components.

PBI 229100 - Fix - MFB - Dependent Component doesn't work correctly

What

Wrong value in **Dependent Component** when using **Assign FEFO by Volume/Strength**

Why

When you assigned a lot number to component lines in a production journal with the **Assign FEFO by Volume/Strength** action, the expected quantity and the consumption quantity of the dependent components were



not correct when one of the components was an active ingredient. This is solved.



20.202209.0.0

Release Note • 2/5/2024 • 5 min read

Features

PBI No.	Description
223758	Review integration with revisions

Resolved issues

PBI No.	Description
225505	Recalculate dependent line for active ingredient is not working anymore.
225721	On the Production Journals page, the Assign FEFO by Volume*Strength action should include reserved lots by other orders.

PBI 223758 - Review integration with Revisions

What

When I create a production order (planned, firm planned, or released) and select a revision no. after selecting the item. The correct BOM version and/or routing version is updated in the production order lines.

Why

I as a production planner want that if I validate the field revision which has the BOM version or routing version attached to the revision no. the fields from Drink-IT are also updated in my production header and when I refresh my production order the production order lines should also be updated with the correct values from Revision no., Prod. BOM version, and Prod Routing version.

How

1. Select the Search icon , enter **Items**, and then choose the related link.
2. On the **Items List** page, select the item for which you want to create a revision.
3. On the action bar, select **Actions > Functions** and then select **create item or revision** on the **Item Card** page.
4. Create a minor revision from the wizard page and finish the wizard to create the revision.



5. Open the revision list from the item card by actions, items, and **Item Minor Revisions**.
6. Activate the revision by changing the status to *Active* of the revision.
7. Select the Search icon , enter **Released Production Order**, and then choose the related link.
8. Create a new Production order for the item you created a minor revision.
9. On **Manufacturing Accelerator** FastTab, select the revision no.
10. Refresh the production order.
11. After the action the correct BOM version and routing version will be selected on the Production Order line and been added in the production order component and/or production order routing lines.

PBI 225505 - Recalculate dependent line for active ingredient is not working anymore

What

Recalculate dependent line for Active Ingredient is not working anymore.

Why

When you select entries by Volume - Strength in the Item Tracking Lines for a Prod. Order Components line with an Active Ingredient item,

- and that lot had a different strength than the expected strength,
- and you confirmed the update question, then the dependent component was not updated anymore.

How

This is solved.

PBI 225721 - Function Assign FEFO by Volume-Strength in Components page should included reserved lots by other orders

What

When selecting Lot Nos in the **Prod. Order Components** page and **Production Journal** by the **Assign FEFO by Volume*Strength** function (with option *All bins in this location*), it did not take into account well Lot Nos that were assigned in a previous Production Order. That has been corrected.



20.202205.0.0

Release Note • 12/4/2023 • 2 min read

Features

PBI No.	Description
208221	Auto FEFO based on volume and strength

PBI 208221 - Auto FEFO based on volume-and strength

What

Function **Assign FEFO by Volume*Strength** in production order components and in production journal. It assigns the oldest lot and recalculates for the active ingredient strength. including an option to change the bin to the bin where the oldest lots are and possibly spit the component lines when the required quantity is available from multiple bins.

Why

Make it more efficient to prepare a production order.

How

Open the **Production Order Components** page. Select the lines with an **Active Ingredient** flag. Click the process action **Assign FEFO by Volume*Strength**.

- Select **Current bin** if you want to get the oldest lot within the selected bin for a component line.
- Select **All bins in this location** when you want to get the oldest lot in the location. It will update the bin code if the oldest lot is in another bun than the current one. it will split the component line if the required quantity is not available in one bin, but in multiple.

After this action the expected quantity has been adjusted to the actual active ingredient strength if the selected lot(s).



Introduction

Article • 1/10/2024 • 1 min read

The Aptean Beverage Manufacturing (MFB) extension, Drink-IT Edition, is an extension to Business Central for distilleries and other companies in the beverage industry covering the specific manufacturing requirements.

! Note

All the fields mentioned in the document are not available by default in the Business Central. Such fields can be viewed after personalization.

Business Processes

- [Release notes](#)
- [Getting started](#)
- [Setting up Beverage Manufacturing](#)
- [Training](#)
- [Business process walkthroughs](#)



Create your own demo company

Article • 2/7/2025 • 4 min read

Aptean Beverage is available in multiple countries. For each country, a dedicated demo company is available. This country specific company contains setup that is specific for that country (VAT, excises, language, etc.). They are all based on the Business Central Cronus company for that country. With this company, you can:

- Verify the example [Setup](#).
- Execute the [Walkthroughs](#) in our online documentation.

Install Drink-IT

1. Select the Search icon , enter **Extension Marketplace**, and then choose the related link.
2. In the Search box, enter **Aptean Beverage Drink-IT Edition**.
3. Select the Bundle that meets your business requirements.
4. Select the **Free trial** action and install the app.

Create the demo company

1. Select the Search icon  , enter **Data Import Wizard**, and then choose the related link.

The **Data Import Wizard** page opens.

2. Select **Next**.
3. In the **Company Selection** field, select *New Company*.
4. In the **New Company Name** field, enter a name.
5. Select **Next**.
6. Select the **Upload a file to import** link and then select the .zip file for your country.
7. Select **Next**.
8. Select **Finish** to create your demo company. This will take one hour or more.

Note

Names and codes in your demo company can differ from the ones used in the walkthroughs. Since the Aptean Beverage setup is the same for all the countries, the walkthroughs can be used in every country. In the country specific deviations, you can verify these deviations.



Setting up Beverage Manufacturing

Article • 2/5/2024 • 1 min read

Prior to initiating the *Active Ingredient* flow, certain setup tasks need to be completed.

The subsequent table outlines a series of tasks, accompanied by links to relevant topics providing detailed descriptions for each.

To	See
Set up permission sets	Manage permission sets
Setting up the necessary fields for active ingredient item	Setting up active ingredient



Manage permission sets

Article • 10/23/2024 • 3 min read

Permission sets in Business Central define a user's access level to various features and data within this extension.

We provide the following system permission sets:

- Direct
- Indirect

Direct permission sets

Users with this permission set can perform specific actions directly without requiring additional approvals or workflows. These sets include permissions to read, modify, delete, and create data.

The direct permission set ID for this extension is *BEVERAGEPROD112FDW*.

Indirect permission sets

Users with this permission set can perform specific actions. This is used in conjunction with other permission sets to allow you to perform certain actions. These permissions typically involve additional conditions or approvals before the action can be completed.

The indirect permission set ID for this extension is *BEVRGPRODBASIC112FDW*.

User-defined permission sets

In addition to the system permission sets we provide, you can create new permission sets or copy system permission sets and modify or delete access to specific entities according to your requirements. For more information, see [Assign permissions to users and groups](#).

Assign a permission set

1. Select the Search icon , enter **Users**, and then choose the related link.
The **Users** list page opens.
2. Navigate to the username for which you want to assign the permission set and select it.
The **User Card** page opens.
3. On the **User Permission Sets** FastTab, in the **Permission Set** field, enter the valid permission set for this extension.



The associated fields are automatically updated based on the entered value. The user has the necessary permissions to use the features of the Aptean Beverage Manufacturing extension, ensuring secure and role-based access.



Active ingredient

Article • 2/5/2024 • 1 min read

The active ingredient field enables the recalculation of the expected quantity of components with variable strength in a production order.

Prior to initiating the *Active Ingredient* flow, certain setup tasks need to be completed.

The subsequent table outlines a series of tasks, accompanied by links to relevant topics providing detailed descriptions for each.

To	See
Set up volumes, strengths in the Drink-IT Foundation app.	Setting up Drink-IT Foundation
Set up Active Ingredient fields	Setup active ingredient fields
Define dependency between components into Production BOM	Dependency between components into production BOM



Set up active ingredient fields

Article • 2/2/2024 • 2 min read

1. Select the Search icon , enter **Items**, and then choose the related link.
2. Open the Item Card then the **Drink-IT Foundation** FastTab.
3. Fill the fields **Strength 1**, **Strength 2**, or **Strength 3**. Respectively **Volume 1**, **Volume 2**, or **Volume 3**.
4. On **Beverage Production** FastTab,
 - Fill in the field **Active Ingredient Strength** related the strength of the item. Hover over a field to read the tooltip.
 - Fill in the field **Active Ingredient Volume** related the volume of the item. Hover over a field to read the tooltip.

Note

In case the **Active ingredient Strength** field is set to *Strength 3*, the field **Additional Strength Code** should be filled.

In case the **Active Ingredient Volume** field is set to *Volume 3*, the field **Additional Volume Code** should be filled.

See also

[Variable Strength Items](#)

[Setting Up Drink-IT Foundation setup](#)



Define the dependency between component in production BOM

Article • 1/10/2024 • 2 min read

This section explains dependency of a BOM Line from another BOM Line. It means that the volume of a dependent Production Order Component will automatically be recalculated when the volume of the active ingredient is adjusted (because of it's strength).

1. Select the Search icon  , enter **Items**, and then choose the related link.
2. On the **Items** page, select the item card.
3. On the **Replenishment** FastTab, select the related **Production BOM No.**, and then go to Production BOM Card.
4. Select the Dependent BOM Line.
5. Fill the field **Depends On Line No.** with the line no. of the active ingredient item.
6. Fill the field **Dependency Calculation Type** based on volume.

See also

[Create a Production BOM](#)



Master data

Article • 2/5/2024 • 4 min read

This exercise will help you to get a better understanding of the Aptean **Beverage Manufacturing** extension. The exercise can be performed in the [Cronus Demo company](#).

Note

Create a copy of this company to keep your Cronus Demo in the original state. In the copy you can do all the exercises that are included in the training.

Exercise 1 - Master Data

Strength Codes

Search Foundation Setup

The **Strength1 Unit of measurement** and **Strength2 Unit of measurement** fields are defined for all items (if applicable). Most common in beverage is to define the Alcohol by Volume (ABV) and Degrees Plato (DPL) as the strength2 UOM. Drill down and create or view all strength codes. On each item card you can define an item individual strength3 unit of measurement.

Strength codes are the base for the alcohol balance (ABV) and active ingredient functionality (any strength).

Item tracking Codes

Search Item Tracking Codes

View the item tracking codes. For the alcohol balance and active ingredient functionality some item tracking codes were created that:

- are lot specific (integrated inbound-outbound), including transfers and warehouse entries.
- allow variable strength (1, 2, and/or 3) (FastTab **Alcohol Balance***)

Item tracking codes may require expiration dates or not. When an item tracking code does not include expiration dates, Drink-it AUTO FEFO functions (explained later) will be based on the posting date.

Items

Search items

Select the item 6011 '**Malt A Lot+Qty**'. Select the **Copy item** action and create your own item.

- No. : your NAME_MALT70



- Description: same
- Base UOM = KG
- Item category code: make blank
- View **Foundation** FastTab (show more)
 - Strength3 code: HWE (Hot Water Extract = sugar content)
 - Volume3 Code: (also in KG)
 - Active ingredient: strength3 and volume3
- View **Item Tracking** FastTab
 - Item tracking code allows for variable strength3

Select the item 7012 '**Wort Cronus Premium Lot & quality**'. Select the **Copy item** action and create your own item.

- No. : your NAME_WORT
- Description: same
- Base UOM = HL (which is volume2)
- On **Replenishment** FastTab:
 - Drill down on field Production BOM
 - Create a new BOM; give it your NAME_WORT
 - Copy BOM 7012
 - Change the BOM line for item 'MALT A'
 - change into your NAME_MALT70
 - same quantity: 18 KG (to produce 1 HL of your semifinished Wort)
 - Certify the BOM
- View **Foundation** FastTab
 - Volume: 100; Volume2: 0,01
 - Strength2: 16 DPL (Degrees Plato)
- View **Item Tracking** FastTab
 - Item tracking code: allows for variable strength2

Select the item 6490 '**Raw alcohol 96% Lot**'. Select the **Copy item** action and create your own item.

- No. : your NAME_ALC96
- Description: same
- Base UOM = L
- View **Foundation** FastTab



Beverage Manufacturing

- Strength1 code: ABV
- Volume1 Code: 1 (L)
- Active ingredient: strength1, volume1
- View **Item Tracking** FastTab
 - Item tracking code allows for variable strength1

Select the item 7700 '**Alcohol semifinished 50%**'. Select the **Copy item** action and create your own item.

- No. : your NAME_ALC50SF
- Description: same
- Base UOM = L
- On **Replenishment** FastTab
 - Drill down on field Production BOM
 - Create a new BOM; give it your NAME_ALC50
 - Copy BOM 7700
 - Change the BOM line for item 'Raw alcohol 96%'
 - change into your NAME_ALC96
 - same quantity: 0.52083 L (to produce 1 L of your semifinished Alcohol 50%)
 - Notice the treated water item, it is dependent on the alcohol item, by the volume1 (L) (fields Dependent component and Dependency calculation type)
 - Certify the BOM
- View **Foundation** FastTab
 - Strength1 code: ABV
 - Volume1 Code: 1 (L)
- View **Item Tracking** FastTab
 - Item tracking code does not allow for variable strength1
 - But is lot specific incl. Transfer and warehouse
- View **Alcohol Balance** FastTab
 - Tolerance: 0.5% (allowed loss in LA in production order)

Locations

Search Locations

Select location BLUE_PROD



- View the bins
 - (be aware for training company is for different beverage producers)
- On **Tax Management** FastTab:
 - Default tax Classification: this is a bonded location



Inbound new lot numbers

Article • 2/16/2026 • 3 min read

This exercise will help you to get a better understanding of the Aptean **Beverage Manufacturing** extension. The exercise can be performed in the [Cronus Demo company](#).

Note

Create a copy of this company to keep your Cronus Demo in the original state. In the copy you can do all the exercises that are included in the training.

Exercise 2 – Inbound new lot numbers

Item journal – Pos. Adjustment

First post some stock of the material items you created. Search **Item Journal Templates**.

Select the normal **Item** journal

- Select the **Batch Name** and create a new name: your NAME
- Line 1:
 - Posting Date 1-1-22
 - Entry type: Pos. adjustment
 - your item NAME_MALT
 - Location: BLUE_PROD
 - Bin Code: SILO01
 - Quantity: 10000 (KG)
 - Open the Item tracking page and assign a lot no.
 - (show columns: add fields Strength1 (ABV), strength2 (DPL) and Strength3)
 - in field strength3 the value is by default filled with 70 from the item card. Change it into 65, as this lot has less sugar (HWE value).
- Line 2:
 - Posting Date 1-1-22
 - Entry type: Pos. adjustment
 - your item NAME_ALC96
 - Location: BLUE_PROD
 - Bin Code: SP01



- Quantity: 1000 (L)
- Open the Item tracking page and assign a lot no.
 - in field strength1 (ABV) the value is by default filled with 96 from the item card. Change it into 96.2
- Line 3:
 - Posting Date 1-2-22
 - Entry type: Pos. adjustment
 - your item NAME_ALC96
 - Location: BLUE_PROD
 - Bin Code: SP02
 - Quantity: 1000 (L)
 - Open the Item tracking page and assign a lot no.
 - in field strength1 (ABV) the value is by default filled with 96 from the item card. Change it into 95.9
- Line 4:
 - Item 7511 Fermented Wine - A (LOT)
 - Location: BLUE_PROD
 - Bin Code: BT01
 - Quantity: 70 (HL)
 - Open the Item tracking page and assign a lot no.
 - fields strength1 (ABV) and strength2 (DPL) is by the default filled from the item card. You cannot change it, as this item has an item tracking code that does not allow it, this item has fixed strengths.

Post the journal.

Search **Lot No.** information

(personalize page: make sure column **Item No.** is shown)

Search/filter the page on your NAME items

- open the **Lot No.** information card of the new lot of your *NAME_MALT* item.
 - View the Strength3 field
 - Drill down to the item ledger entry by the **Inventory** field
 - Notice the columns for strength3 and volume3. It shows the total KGs *HWE (10000 65)*
- open the **Lot No.** information card of the first new lot of your *NAME_ALC96* item.
 - View the Strength3 field
 - Drill down to the item ledger entry by the **Inventory** field



- Notice the columns for strength1 and volume1. It shows the total LABV *value* (1000 96.2)
- Same for the other lot with 959.00 Litre-alcohol

Purchase receipt and other inbound

This process is the same for any inbound you post where a new lot no. is assigned.



Active ingredients

Article • 2/16/2026 • 5 min read

This exercise will help you to get a better understanding of the Aptean **Beverage Manufacturing** extension. The exercise can be performed in the [Cronus Demo company](#).

Note

Create a copy of this company to keep your Cronus Demo in the original state. In the copy you can do all the exercises that are included in the training.

Exercise 3 – Active Ingredient and Dependent Component

Consumption of malt

Search for **Released production orders**

Create a new order and select your item NAME_WORT.

- Quantity: 100 (HL)
- Location: BLUE_PROD
- Bin Code: FV2 (the fermentation tank where the wort will be pumped over in)
- Click **Refresh Production order** action.
- Select the production order line and click **Line – Components**.
- The first line shows the your NAME_MALT item
 - Expected quantity : 1800 KG
 - Active Ingredient = yes
 - Expected strength: 70 (HWE)
 - Expected Volume-Strength: 1260 (1800*70%)
 - Bin Code: SILO01 (default bin for this item)
- The second line shows another active ingredient: a hop item
 - Expected quantity : 40 KG
 - Active Ingredient = yes
 - Expected strength: 5 (Alpha-Acid)
 - Expected Volume-Strength: 200 (40*5)

Open the item tracking page of the first active ingredient.



- Click **Select quantity by volume-strength** action.
- In the last column it shows the **selected volume-strength** of 1260 of your lot.
- Close the page.
- The item tracking page shows an undefined quantity in KG but accept that. Since your lot has a weaker strength you need more KGs in order to get the right quality (DPL) of your WORT. Confirm to update the production order component line.
- The first line shows the your NAME_MALT item
 - Expected quantity: a higher quantity
 - Active Ingredient = yes
 - Expected strength: 70 (HWE)
 - Expected Volume-Strength: 1260 (1800*70%)
 - Actual strength: 65 (HWE)
 - Actual Volume-Strength: 1260 (a little rounding difference can be)
 - Bin Code: SILO01 (the bin where it will be consumed from)

Delete all component lines and confirm to remove the item tracking as well.

- Back to the production order, click **Refresh Production order** action.
- Select the production order line and click **Line – Components**.
- Select all lines (or at least the active ingredient lines) and click **Assign FEFO by volume-strength** action.
 - Select **Current bin**
- The first component line shows the your NAME_MALT item
 - Expected quantity: a higher quantity
 - Active Ingredient = yes
 - Expected strength: 70 (HWE)
 - Expected Volume-Strength: 1260 (1800*70%)
 - Actual strength: 65 (HWE)
 - Actual Volume-Strength: 1260 (a little rounding difference can be)
 - Bin Code: SILO01 (the bin where it will be consumed from)
- The second line shows another active ingredient: a hop item
 - Expected quantity : a lower quantity
 - Active Ingredient = yes
 - Expected strength: 5 (Alpha-Acid)
 - Expected Volume-Strength: 200 (40*5)



- Actual strength: 6 (Alpha-Acid)
- Actual Volume-Strength: 200 (a little rounding difference can be)
- Bin Code: HOPS (the bin where it will be consumed from)

Consumption of raw alcohol

Search Released production orders

Create a new order and select your item NAME_ALC50

- Quantity: 1000 (L)
- Location: BLUE_PROD
- Bin Code: SP11 (the SF spirits tank where this semifinished item is produced in)
- Click **Refresh Production order** action.
- Select the production order line and click **Line – Components**.
- The first line shows the your NAME_ALC96 item
 - Expected quantity : 520,xx (L)
 - Active Ingredient = yes
 - Expected strength: 96 (ABV)
 - Expected Volume-Strength: 500 (520,cc*96%)
 - Bin Code: SP2 (default bin for this item)
- The second line shows the treated water item
 - Expected quantity : 479.xx L
 - Dependent Component = yes
- Select the first component lines and click **Assign FEFO by volume-strength** action.
 - Select **Current bin**
- The active ingredient component line now shows.
 - Expected quantity: increased (because your second lot has less alcohol)
 - **Active Ingredient** = yes
 - Expected strength: 96 (ABV)
 - Expected Volume-Strength: 500 (520,cc*96%)
 - Actual strength: 95.9
 - Actual Volume-Strength: 500 (a little rounding difference can be)
 - Bin Code: SP2 (you received your second lot in this tank)
- The dependent component line shows the treated water item



- Expected quantity : decreased in order to have 1000 litre in total in the output tank
- **Dependent Component** = yes

Delete all component lines and confirm to remove the item tracking as well.

- Back to the production order, click **Refresh Production order** action.
- Select the production order line and click **Line – Components**.
- Select the first component lines and click **Assign FEFO by volume-strength** action.
 - Select All bins in this location
- The active ingredient component line now shows.
 - Expected quantity: decreased (because first lot has more alcohol)
 - **Active Ingredient** = yes
 - Expected strength: 96 (ABV)
 - Expected Volume-Strength: 500 (520,cc*96%)
 - Actual strength: 96.2
 - Actual Volume-Strength: 500 (a little rounding difference can be)
 - Bin Code: SP1 (it was updated, since the oldest lot is in this tank)
- The dependent component line shows the treated water item.
 - Expected quantity : increased in order to have 1000 litre in total in the output tank.
 - **Dependent Component** = yes

Delete all component lines and confirm to remove the item tracking as well.

- Back to the production order,
 - Change the quantity in the header into 2500.
 - Click **Refresh Production order** action.
- Select the production order line and click **Line – Components**.
 - Notice that the expected quantity for your active ingredient is available, but in 2 different bins.
- Select the first component lines and click **Assign FEFO by volume-strength** action.
 - Select **All bins in this location**.
- Now the active ingredient line is split.
 - A new line for Bin SP01 where the oldest lot was. All available quantity from that tank is taken.
 - The original line has the remaining quantity; the total actual volume-strength of the active ingredient lines is 500 (little rounding difference possible).



- The dependent component line shows the treated water item.
 - Expected quantity: adjusted to have 1000 litre in total in the output tank.
 - **Dependent Component** = yes



Principal components

Article • 2/16/2026 • 2 min read

This exercise will help you to get a better understanding of the Aptean **Beverage Manufacturing** extension. The exercise can be performed in the [Cronus Demo company](#).

Note

Create a copy of this company to keep your Cronus Demo in the original state. In the copy you can do all the exercises that are included in the training.

Exercise 4 – Principal Component

Packaging (filling) order

Search Released production orders

View the order for 1000 crates of item 1011 Cronus Premium beer 24 x 33 CL.

- Select the production order line and click **Line – Components**.
- The first line shows in bold and that is the principal component item, with an expected quantity of 80 HL of this bright beer item. It has the Bin code BT01.
- Other lines are for packaging items, with an expected quantity of 24000+ (the BOM lines have an expected scrap of 1%).
- Open the **Item Tracking** page for the principal component and select the available lot in this bin. There is only 70 HL left in this tank, so select it and close the page. The **Item Tracking** page shows an undefined quantity but accept it and close the **Item Tracking** page. Confirm to update the production order component line.
- Notice in the **Production Order Components** page the expected quantities of the other components have been updated down.
- Close the **Production Order Components** page and return in the production order. Refresh (F5) the page and notice the output quantity has been updated down. You can only fill this no. of crates given the availability of the principal component.

Note

When there would be a more volume available in this bright beer tank (bin BT01), but too few to fill another order with, you would want to consume it all and fill more crates until the tank is empty. In that case, you would select all remaining quantity of the lot and the production order would also be updated based on that.



Miscellaneous

Article • 2/1/2024 • 2 min read

This exercise will help you to get a better understanding of the Aptean **Beverage Manufacturing** extension. The exercise can be performed in the [Cronus Demo company](#).

! Note

Create a copy of this company to keep your Cronus Demo in the original state. In the copy you can do all the exercises that are included in the training.

Exercise 5 - Miscellaneous

WIP account from Component

As best practice in beverage (and in general in process industries) the cost of consumed materials is not posted to a balance sheet account for work in progress, but to an expense account ('cost of consumed materials'). At the same time output of the produced semi-finished or finished product is not posted against such a balance sheet account as well, but to an internal 'revenue' account ('increased value of SF/Fin. Products'). Consumption is not posted at the beginning of a next production order, but at the end at the same time with the output (backflushing or just manually through the production journal). The produced semifinished products show as 'inventory' in bins (tanks), but is interpreted as 'Work in progress' (process production never has stock of semi-finished products, once finished the volume is pumped into a next tank for a next production order).

Search Inventory Posting Groups

Notice the **WIP Account from components** field is checked for those codes used in production orders. This will make sure that value entries for consumption will be posted to the 'WIP' account for the Inventory posting group of the material, not the produced item.

Search Inventory Posting Setup

Notice the WIP accounts for the inventory posting group of materials, semi-finished, and finished products. Check the ones for the production location.

As a result of this, capacity is posted 'neutral', check the WIP account for the Inventory posting groups with location blank and check the balancing account in the **General Posting Setup** for the *Product Posting* group of your work center (the Direct Cost Applied account).



Relation with other apps

Article • 2/1/2024 • 7 min read

This exercise will help you to get a better understanding of the Aptean **Beverage Manufacturing** extension. The exercise can be performed in the [Cronus Demo company](#).

! Note

Create a copy of this company to keep your Cronus Demo in the original state. In the copy you can do all the exercises that are included in the training.

Exercise 6 - Relation with other apps

Some features are enabled from other NORRIQ or Drink-it Apps, but form a relevant part in Manufacturing Beverage.

Alcohol Balance

Master Data

Search Reason Codes

Reason codes should be defined for explaining losses in Litre-alcohol in production orders.

- View the reason codes that have Losses = yes.
- You can create new reason codes for alcohol losses, just check that field.

Released Production order

Search Released production orders

View the order for 1000 Litre of item 7700 '**Alcohol semifinished 50%**'.

- Select the production order line and click **Line – Prod. Journal**.
- The first (consumption) line shows item 6490 '**Raw Alcohol 96**'.
- Click **Assign FEFO by volume*strength**.
- Change the quantity of the last (output) line into 900.
 - Open the **Item Tracking** page for this line and assign a lot no. (strength 50 ABV).
- Post the journal.
- Back in the **Production Order** page: notice the volumes FactBox:



- Total Litre-Alcohol (Consumption)
- Total Litre-Alcohol (Output)
- Notice there is a difference and it is more than the tolerance set for this output item (0.5% on item card, **Alcohol Balance** FastTab).
- Click **Change Status** and updated it to **Finished**.
 - Message: you can not finish it because of the losses in litre-alcohol.
- Click **Register Alcohol Loss**.
 - When you open it for the first time: select Volume: L and Strength: ABV.
 - It shows the loss as undefined difference, in the footer of the page.
 - Create one or multiple lines, select a reason code (LOSSXXX) and fill the Volume-Strength (Litre-Alcohol).
 - When there is no undefined difference anymore, click **Register**.
- Click **Change Status** and updated it to **Finished**.

Search **Finished Production orders**

Find the production order you just finished.

- Open *Related Entries* and view the *Loss Entries*.

Alcohol Balance reports

Search **Alcohol Balance Summary**

In the request page of this report fill

- Options
 - Starting date 1-1-22
 - Ending date 31-12-22
 - Volume: Litre
 - Strength: ABV
 - Show Casks: yes
- Filters; set a filter on relevant items (that contain alcohol)
 - Item category code: 141|44|54
 - Location filters: select your bonded locations only: BLUE_BOND|BLUE_PROD

The report shows:

- opening stock in Litres and Litre-alcohol, increases, decreases, losses, and the end stock.



Beverage Manufacturing

- per item one line.
- the Cronus Raw Whisky in Cask item has sub lines per Cask (Service item of Service item type = Cask).
- a total line.

Search Alcohol Balance Detail

In the *request* page of this report fill

- Options
 - Starting date 1-1-22
 - Ending date 31-12-22
 - Volume: Litre
 - Strength: ABV
- Filters; set a filter on relevant items (that contain alcohol)
 - Item category code: 141|44|54
 - Location filters: select your bonded locations only: BLUE_BOND|BLUE_PROD

This report shows per item

- opening stock in Litres and Litre-alcohol
- per item ledger entry a line for increases or decreases
- in case of losses: a line per Loss code
- end stock in Litres and Litre-alcohol

Quality Control Management

Manufacturing Beverage features functions properly without having installed Aptean Quality Control Management (QCM). When QCM is installed, it is mostly integrated in production processes.

Quality tests can be defined and registered for:

- Lot information no (register strength and other quality measures for a lot)
- Production routing line (in process tests)

Properties (Business Central Accelerator)

Properties

Define properties for the item table to be used on the MFA setup time matrix (see next). Properties that determine change-over time (add. setup time) in (filling) production orders, like

- product type (water, lemonade...; bright beer, dark beer...; vodka, liqueur...)



Beverage Manufacturing

- package size/type (33CL bottles, 50 CL, 70 CL...)
- other

Search **Properties**

View properties on the item table (t.27) for bottle size and product type. They are of type Code-List. View the **Code-List** values via related – property values.

Search **Property Management**

Perhaps convenient to view properties on the item cards and in the items list page.

- Show global properties on card pages: yes
- Enable global properties in list pages: yes

Items

Search **Items**. Filter on your NAME items

On **Properties** FastTab, select a value for:

- Product type
- Bottle Size

Setup Time Calculation matrix (Manufacturing Accelerator)

Search **Work Centres**. Select your filling/packaging work centres. View Work center BW500 packaging BIRMINGHAM.

View the **Setup time Calculation bucket**.

- This will determine what orders will be shifted in planning consecutively. Select Day, Week or Month.
- Eg. whole week continuous filling should be set to week; when daily shift ends per day, set to day.

Search **Machine Centres**. Select your filling/packaging machine centres. Eg BM520 Bottling Line 2 – BIRMINGHAM.

View the **Setup time Calculation bucket**.

- This will determine what orders will be shifted in planning consecutively. Select day, week, or month.
- Eg. whole week continuous filling should be set to week; when daily shift ends per day, set to day.
- When blank, the work center will determine.

Search **Setup Time Calculation Rules**

View how per combination of (item) property values the setup time is set. Serial or parallel means:



- Parallel: when multiple combinations are in place, the one with the highest time will set the setup time.
- Serial: the setup times for each will be added, summed up.
- When the different properties determine changeover time independent of each other, select serial.

Fill in the setup time for each combination of property values (from/to). It is possible to combine from or to property values, using filters.

Typically, the setup (changeover) time from water to lemonade is smaller than the opposite. Setup from 33 CL bottles to another product in 33CL will require little changeover time (other labels) but changing from filling a 33CL bottles to 25 CL bottles.

Search **Released production orders**

Production orders were created for 1.2.2022. All linked to the same machine center: BM520 Bottling line 2 in BIRMINGHAM. Expressed by bin code in the header and by the routing version. The Routing has machine centre BM500 (Birmingham filling lines to plan), routing version1 has BM520 (bottle filling line 1) and version2 has BM520.

The orders were created in a non structured sequence, manually, or like a planning worksheet can do. The planned starting and ending dates are not consecutive, there are gaps in between.

Search **Machine centers**, and open the *Task list* for BM520.

View the tasks of the 3 production orders on 1-2-22 and the Setup time for each. Set/correct the starting time manually on the first line of a date bucket (day, week..), and then click **Calculate Setup Time**. Set filter (eg 010122..) and **OK**.

The first order of each Time bucket gets/keeps the setup time from the routing, but the others are calculated from the matrix.

It is wise to move the last production order up, to the first order of the day on this machine center, and calculate again. Select that order and click **2x*** on function Move up. Then click **Calculate Setup Time**. View the results in the setup times.

Seneca

A partner solution outside of Business Central that is strongly related to production. It is part of the NORRIQ Ecosystem by an interface.

A 3rd party system with features

- Cost accounting (Cost and inventory value breakdown)
 - Material components
 - Capacity components
- Planning



Beverage Manufacturing

- Demand forecast
- Financial budgets
- Cash flow
- Reporting
 - Cost centres
 - Cost objects (multiple)
 - Items and item hierarchy dimensions (product type, package type..)
 - Customer and customer hierarchy dimensions (channel, region, salesperson, customer groups)

Find more information on the Seneca website <https://seneca-control.com/en/products/solutions/cost-accounting/>



Business process walkthroughs

Article • 2/5/2024 • 1 min read

This selection of walkthroughs provides step-by-step, end-to-end business processes that you can perform using the [Cronus Demo](#) demonstration company.

 **Note**

Create a copy of this company to keep your Cronus Demo in the original state. In the copy you can do all the exercises that are included in the walkthroughs.

 **Note**

Aptean Beverage is available in multiple countries. For each country, a dedicated demo company is available. This country specific company contains setup that is specific for that country (VAT, excises, language, etc.). They are all based on the Business Central Cronus company for that country. For that reason, names and codes in your demo company can differ from the ones used in the walkthroughs. Since the Drink-IT setup is the same for all the countries, the walkthroughs can be used in every country. In the country specific deviations, you can verify these deviations.

To	See
Use the Active Ingredient field to recalculate in production order the expected quantity of the components	Recalculate in production order the expected quantity of the component



Recalculate the expected quantity of the components into production order

Article • 2/5/2024 • 4 min read

In this article

[Reset Component](#)

[Reporting](#)

[See also](#)

The expected quantity of an Active Ingredient Production Order Component will be recalculated depending on the strength of the selected lot Nos.

1. Select the Search icon , enter **Released Prod. Orders**, and then select the related link.
The **Released Production Orders** page opens.
2. Select a **No.**
The **Released Production Order** page opens.
3. On the **Lines** FastTab, select **Line > Components**.
The **Prod. Order Components** page opens.
You can [personalize](#) the page by adding the field *Expected volume By strength, Active Ingredient, Active ingredient Strength Code*, and *Active Ingredient Expected strength*.
4. On the **Prod. Order Components** page, select the AssitEdit button > **Line > Item Tracking Line**. On the **Item Tracking Line** page, select the **Select Entries by Volume*Strength** action. This function is only enabled for components with the active ingredient flag.
5. In this page, the *Quantity Selected* column represents the volume by strength (You can add the strength field to this page).
6. After closing the **Select Entries** page, the item tracking page may show an undefined quantity of the active ingredient. That will be adjusted after closing the **Item Tracking** page.
7. Now the **Production Order Component** page will show recalculated expected quantities of both the active ingredient and the depending component.

Note

The **Assign Tracking by FEFO** and **Assign FEFO by Volume*Strength** actions can be used on the **Consumption Journal**, **Production Journal**, and **Prod. order Components** pages.



Reset Component

If you have removed the item tracking you can recalculate the original quantities by either refreshing the production order or by the function **Reset Component**.

1. Open **Prod. Order Components** of the released production order.
2. Select the AssitEdit button and then select **Actions** > **Active Ingredient** > **Reset Component**.

The original expected quantities will be back.

Reporting

Reporting on volumes and strengths is supported by Aptean Beverage [Foundation Management](#) and [Alcohol Balance](#).

[Include volumes or weights in Analysis Reports](#)

[Inventory movements Qty, Volume and Weight](#)

[Overview of the inventory movements for Alcohol](#)

[Verify the Alcohol losses entries](#)

Note

Refreshing the production order may not be possible because of entries or other item tracking lines. Then you should use the function **Reset Component**.

The active ingredient adjustment based on strength is supported in the **Production Order Components** page for the *Firm planned* and *Released production order*.

See also

[Aptean Beverage Foundation Management](#)



Design details

Article • 10/15/2024 • 1 min read

This content contains detailed technical information about complex application features in the Aptean Beverage Manufacturing, Drink-IT edition.

Design details content is aimed at user, developers, and super users who need deeper insight to implement, customize, or set up the features in question.

To	See
Get insight on field personalization on production overview pages	Production orders
Get insight on field personalization on items	Items



Production Orders

Article • 5/21/2025 • 4 min read

You can add personalized fields to the production overview page.

1. Select the Search icon , enter **Planned Production Order**, and then choose the related link.
The **Planned Production Orders** page opens.
2. On the action bar, select **New**.
The **Planned Production Order** page opens.
3. Add the **Production BOM No.**, **Prod. BOM Version Code**, **Routing No.**, and **Routing Version Code** fields on any of the FastTabs.

[Note!] To add personalized fields on the **Firm Planned Prod. Order** and **Released Production Order** page, follow the same steps as above.

To add personalized field on the **Production Order List** page:

4. Select the Search icon , enter **Production Order List**, and then choose the related link.
The **Production Order List** page opens.
5. Add the **Production BOM No.**, **Prod. BOM Version Code**, **Routing No.**, and **Routing Version Code** fields.

In a production order, the behavior of the header fields depends on the **Source Type** field value:

- When the **Source Type** field value is set to *Family*, the system allows you to select the desired routing number and routing version code on the production order header. These values are then applied to the production order lines, consistent with the behavior for item-based production orders.

If the production order contains multiple lines with the same item on all lines, the following fields become editable:

- Routing No.
- Routing Version Code
- Production BOM No.
- Production BOM Version Code

The initial values in the **Routing No.** and **Routing Version No.** fields are populated from the setup on the **Family Card** page.

The initial values in the **Production BOM No.** and **Production BOM Version** fields are populated based on the setup on the **Item Card** page.

If the production order contains multiple lines with multiple different items:

- The **Routing No.** and **Routing Version No.** field values are always editable with the initial values inherited from the **Family Card** page.



- The **Production BOM No.** and **Production BOM Version** field values are non-editable and empty on the production order lines.
- When the **Source Type** field value is set to *Sales Header*, the following field values on the production order header become blank and non-editable.
 - Routing No.
 - Routing Version Code
 - Production BOM No.
 - Production BOM Version Code



Items

Article • 10/15/2024 • 2 min read

To add personalized fields to the **Item Card** page, for example, **Rounding Precision** field, follow the below steps.

1. Select the Search icon  , enter **Items**, and then choose the related link.

The **Items** page opens.

2. Select the desired number.

The **Item Card** page opens.

3. Add the **Rounding Precision** field on any of the FastTabs.

[Note!] The rounding precision specifies how calculated consumption quantities are rounded when entered on consumption journal lines. This is crucial when using actions like **Assign FEFO by Volume*Strength** in production order components. To know more, see [Rounding Precision Field, Item Table](#)



Integrations

Article • 5/7/2025 • 1 min read

The Aptean Beverage Manufacturing extension has been integrated with the following extension:

- [Aptean Production Scenarios](#)



Aptean Production Scenarios

Article • 5/7/2025 • 3 min read

When the Aptean Beverage Manufacturing extension, Drink-IT Edition, is used in conjunction with the Aptean [Production Scenarios](#) extension, the system determines and updates the **Production BOM No.**, **Production BOM Version Code**, **Routing No.**, **Routing Version Code**, and **Unit of Measure Code** field values in production order lines based on the following scenarios:

Scenario 1: Use a default production scenario

To update the production BOM number, production BOM version code, routing number, and unit of measure in the production order lines with the default production scenario, follow these steps:

1. Open the **Item Card** page.
2. On the action bar, select **Related > Bill of Materials > Production > Production Scenarios**.
The **Item Production Scenarios** page opens.
3. In the **Code**, **Location Code**, **Production BOM No.**, and **Routing No.** fields, fill in the required details.
4. Select the **Default** checkbox for the required scenario.
5. Create a released production order with the item associated with the production scenario setup.
The **Production BOM No.** and **Routing No.** field values on the header are automatically populated based on the default production scenario. The **Production BOM Version** and **Routing Version Code** field values are updated based on the active version.
6. Refresh the production order.
The system updates the **Production BOM No.**, **Production BOM Version Code**, **Routing No.**, and **Unit of Measure Code** field values in the production order lines based on the production scenario setup.

Scenario 2: Use item card values when no default production scenario exists

To update the production BOM number and production BOM version code in the production order lines with no default production scenario setup, follow these steps:

7. Open the **Released Production Order** page.
The **Production BOM No.** and **Routing No.** field values on the header are updated from the **Item Card** page.
The **Production BOM Version Code** field value is derived based on the active version.
8. Refresh the production order.
The system updates the **Production BOM No.**, **Production BOM Version Code**, and **Routing No.** field values in the production order lines based on the header values.

Scenario 3: Update production order lines after modifying production BOM or routing fields

To update the production BOM number and production BOM version code in the production order lines based on the BOM version, follow these steps:



9. Open the **Released Production Order** page.
10. On the **General** FastTab, in the **Production BOM No.** and **Prod. BOM Version Code** fields, select the required codes.
11. Refresh the production order.
The system updates the **Production BOM No.**, **Production BOM Version Code**, **Routing No.**, and **Routing Version Code** field values in the production order lines based on the header values. In this case, the **Production Scenario Code** field value on the lines remains blank.

Note

- You can update any of the following fields in the released production order header.
- Production BOM No.
- Prod. BOM Version Code
- Routing No.
- Routing Version Code The system automatically updates the corresponding values on the production order lines based on the updated header values.

Scenario 4: Apply a different production scenario using the change production scenario action

To update the production BOM number, production BOM version code, routing number, and routing version code in the production order lines by executing the Change Production Scenario action, follow these steps:

12. Open the **Released Production Order** page.
13. On the **Lines** FastTab, on the action bar, select **Functions > Change Production Scenario**.
The **Change Production Scenario** page opens.
14. In the **New Production Scenario Code** field, select the required code.
The system updates the **Production BOM No.**, **Production BOM Version Code**, **Routing No.**, and **Routing Version Code** field values in the header and the line based on the newly selected production scenario code.

