

User Manual

Aptean Food and Beverage ERP

Alcohol Balance for Drink-IT

Product Documentation



Contents

[Release notes](#)

[2603.0.0.0](#)

[2602.1.0.0](#)

[2602.0.0.0](#)

[2601.2.0.0](#)

[2601.1.0.0](#)

[2601.0.0.0](#)

[2504.1.0.0](#)

[2504.0.0.0](#)

[2503.0.0.0](#)

[2502.0.0.0](#)

[2501.0.0.0](#)

[2402.7.0.0](#)

[2402.6.0.0](#)

[2402.5.0.0](#)

[2402.4.0.0](#)

[2402.3.0.0](#)

[2402.2.0.0](#)

[2402.1.0.0](#)

[2402.0.0.0](#)

[2401.0.0.0](#)

[2312.0.0.0](#)

[23.500.105394.0](#)

[23.300.101452.0](#)

[20.202209.0.0](#)

[20.202205.0.0](#)

[18.202203.0.0](#)

[18.202201.0.0](#)

[18.202111.0.0](#)

[Introduction](#)

[Create your own demo company](#)

[Setting Up Alcohol Balance](#)



- [Manage permission sets](#)
- [Alcohol Balance Set Up - General](#)
- [Alcohol Balance Set Up - Posting](#)
- [Variable Strength Items](#)
- [Volume and Strength Units of Measure](#)
- [Alcohol aging adjustment](#)
- [Set lot stock to zero](#)
- [Business Process Walkthroughs](#)
 - [Change the strength of an existing lot from the Lot No. Information Card](#)
 - [Change the strength of an existing lot in the Item Reclassification Journal](#)
 - [Post Alcohol Losses from Released Production Orders](#)
 - [Post Alcohol Losses from Finished Production Orders](#)
 - [Order, receive and invoice liters of alcohol](#)
 - [Sell, ship and invoice liters of alcohol](#)
 - [Alcohol Balance Report](#)
- [Design Details](#)
 - [Create Lot No Information Cards automatically](#)
 - [Alcohol Loss Entries](#)
 - [Work In Progress on the Alcohol Balance Report](#)
- [Integrations](#)
 - [Aptean Quality Control \(BC\)](#)



Release notes

Article • 7/22/2026 • 1 min read

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

Date	Release version	Description
July 2026	2603.0.0.0	Major release
May 2026	2602.1.0.0	Minor release
April 2026	2602.0.0.0	Major release
March 2026	2601.2.0.0	Stability release
February 2026	2601.1.0.0	Stability release
January 2026	2601.0.0.0	Feature release
November 2025	2504.1.0.0	Stability release
October 2025	2504.0.0.0	Feature release
September 2025	2503.0.0.0	Feature release
August 2025	2502.0.0.0	Feature release
July 2025	2501.0.0.0	Feature release
April 2025	2402.7.0.0	Stability release
February 2025	2402.6.0.0	Platform release
January 2025	2402.5.0.0	Stability release
October 2024	2402.4.0.0	Stability release
September 2024	2402.3.0.0	Stability release
September 2024	2402.2.0.0	Stability release
June 2024	2402.1.0.0	Stability release
June 2024	2402.0.0.0	Feature release
April 2024	2401.0.0.0	Feature release



December 2023	2312.0.0.0	Feature release
July 2023	23.500.105394.0	Feature release
March 2023	23.300.101452.0	Feature release
September 2022	20.202209.0.0	Feature release
May 2022	20.202205.0.0	Feature release
March 2022	18.202203.0.0	Feature release
January 2022	18.202201.0.0	Feature release
November 2021	18.202111.0.0	Feature release



2603.0.0.0

Release Note • 7/22/2026 • 1 min read

Enhancements/Modifications

With this release of the Aptean Beverage Alcohol Balance extension, Drink-IT Edition, the system supports selling alcohol items based on litres of alcohol. When a lot is selected on the item tracking lines, warehouse shipment, or pick — whether selected manually or auto-assigned — the system recalculates the **Quantity** and **Strength** field values on the sales order line based on the lot's recorded strength, while preserving the **Unit Price** field value set on the order. Posted warehouse shipments and sales invoices reflect the recalculated **Quantity** and **Strength** field values, with the **Line Amount** field value based on the preserved **Unit Price** field value.



2602.1.0.0

Release Note • 5/27/2026 • 2 min read

Enhancements/Modifications

With this release of the Aptean Beverage Alcohol Balance extension, Drink-IT Edition:

- The system automatically creates revaluation value entries when you post an alcohol aging adjustment and the **Revalue on Alc. Aging Adj.** toggle on the **Alcohol Balance Setup** page is turned on. The revaluation redistributes the cost of the evaporated quantity proportionally across the remaining open item ledger entries, preserving the total inventory value for the adjusted lot and location.
- The system no longer shows the update confirmation dialog when closing the **Item Tracking Lines** page if no quantity or strength values were changed, or if the item does not use variable strength.

UI/UX changes

The **Revalue on Alc. Aging Adj.** toggle has been added to the **Alcohol Balance Setup** page.

Resolved issues

The following issues have been resolved in this release.

ID	Description
368333	The system incorrectly displays <i>Incomplete</i> in the Item Tracking field on the Warehouse Item Journal page for negative adjustment lines even when the full quantity is assigned to lot numbers on the Item Tracking Lines page. This issue occurs because the system does not correctly account for negative quantity values during tracking quantity validation.
366029	The system fails to update the Strength 3 field value in the source journal line when selecting <i>Yes</i> to update the source line with tracking values for a variable strength item in the item journal or production journal. Additionally, the system incorrectly updates the Strength 3 field value when selecting <i>No</i> .
366261	The system uses the wrong strength 1 value and fills in an incorrect order line number when adding a second line to the Alcohol Loss Journal page to split losses by reason code on a finished production order with multiple output lines.
373044	The system incorrectly shows the order line number for production order lines in the alcohol loss journal when the Post Alc. Loss on Main Item toggle on the Alcohol Balance Setup page is turned on ,



	preventing the posting of losses with multiple reason codes.
373462	The system incorrectly recalculates and overwrites strength values on the source document line when the user changes only the quantity in item tracking lines for a variable strength item. Additionally, the update confirmation dialog incorrectly appears for fixed strength items and when no values were changed.



2602.0.0.0

Release Note • 4/22/2026 • 1 min read

Resolved issues

The following issues have been resolved in this release.

ID	Description
369285	The system fails to link alcohol loss entries to the correct item ledger entry when the Post Alc. Loss on Main Item toggle on the Alcohol Balance Setup page is turned on and post an alcohol loss journal for a multi-line released production order. As a result, the system references an item ledger entry from a different production order line instead of the main item in the Item Ledger Entry No. field on the Alcohol Loss Entries page.
370094	The system fails to retrieve the correct strength values for alcohol loss entries when the Post Alc. Loss on Main Item toggle on the Alcohol Balance Setup page is turned on and post an alcohol loss journal for a multi-line released production order. The system updates the strength fields on the Alcohol Loss Entries page with values from the last posted output entry instead of the main item, resulting in incorrect strength and derived volume values.



2601.2.0.0

Release Note • 3/25/2026 • 1 min read

Enhancements/Modifications

With this release of the Aptean Beverage Alcohol Balance extension, Drink-IT Edition, you can turn on the **Post Alc. Loss on Main Item** toggle on the **Alcohol Balance Setup** page to consolidate the total undefined alcohol loss across all production order lines and post it on the main item. When this toggle is turned on, the alcohol balance tolerance check is calculated over the total production order loss rather than per individual line.

UI/UX changes

The **Post Alc. Loss on Main Item** toggle has been added to the **Alcohol Balance Setup** page.

Resolved issues

The following issue has been resolved in this release.

ID	Description
357220	The system restricts entry of a tracking quantity greater than the purchase line quantity in the Quantity (Base) field on the Item Tracking Lines page when the Item Tracking Code field value includes both fixed and variable strengths, resulting in an error.



2601.1.0.0

Release Note • 2/25/2025 • 1 min read

Resolved issues

The following issues have been resolved in this release.

ID	Description
351790	An error occurs when executing the Get Receipt Lines action in a purchase invoice while selecting a serial-tracked item.
355082	The system displays an incorrect confirmation message after entering tracking information in the item tracking lines of the Production Journal page while exiting the page. The system incorrectly prompts to update the source line with the Strength and Quantity field values even when no changes have been made. Additionally, the system repeatedly displays this confirmation message, which disrupts workflow efficiency.



2601.0.0.0

Release Note • 1/28/2025 • 2 min read

Features

With the features added in this release of the Aptean Beverage Alcohol Balance extension, Drink-IT Edition,

- The Aptean [Feature Control](#) extension allows you to enable or disable the Aptean Beverage Alcohol Balance 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 Alcohol Balance 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.

- The system allows you to enter up to 5 decimals in the **Strength** field on the **Item Card** page. This ensures accurate values in the finished production orders. The updated decimal precision impacts the following pages:
 - Released Production Order
 - Finished Production Order
 - Production Journal
 - Register Alcohol Loss
 - Alcohol Loss Entries

Resolved issues

The following issue has been resolved in this release.

ID	Description
347286	The system incorrectly clears the assigned lot numbers after closing the Item Tracking page when creating negative consumption entries for lot-tracked items on production orders. As a result, the tracking status incorrectly displays as <i>Incomplete</i> , which prevents posting negative consumption entries from both production order components and the production journal.



2504.1.0.0

Release Note • 11/26/2025 • 1 min read

Enhancements/Modifications

With this release of the Aptean Beverage Alcohol Balance extension, Drink-IT Edition, updates have been made to ensure interoperability with the recent changes in the Aptean Process Manufacturing extension. To know more, see [What's new in Process Manufacturing, version 2519.1.0.0](#).

Resolved issues

The following issue has been resolved in this release.

ID	Description
333358	The system incorrectly generates item tracking line on the Consumption Journal page when lines are created using the Calculate Consolidated Consumption report for items with the SSCC (License Plate Number) toggle turned on. The system also fails to calculate or split item tracking quantities correctly, resulting in inaccurate license plate tracking entries and incorrect reservation behavior on the Released Production Order page.



2504.0.0.0

Release Note • 10/22/2025 • 2 min read

Enhancements/Modifications

With this release of the Aptean Beverage Alcohol Balance extension, Drink-IT Edition,

- The **Item Tracking Lines** page associated with the warehouse receipt prevents entering the **Quantity (Base)** field value greater than the actual quantity, ensuring accurate inventory control.
If the base quantity exceeds the actual quantity, the system displays a confirmation message: *The corrections cannot be saved as excess quantity has been defined. Close the form anyway?* Selecting **Yes** closes the **Item Tracking Lines** page without saving the excess quantity, and reopening the page restores the original quantity. This enhancement works similarly when the item uses the variable strength and the unit of measure is configured with the **Allow Qty. Recalc. (Vol*Str)** checkbox selected for the purchase order.
- The extension has been updated to support test scenarios and ensure compatibility with the previous release.

Resolved issues

The following issue has been resolved in this release.

ID	Description
289536	The system fails to prompt to update the source line when a quantity higher than the quantity specified in the production journal lines or item journal lines is entered in the item tracking lines. As a result, users can close the Item Tracking Lines page without receiving any message to adjust the line quantity, causing posting errors.



2503.0.0.0

Release Note • 9/24/2025 • 2 min read

Features

With the features added in this release of the Aptean Beverage Alcohol Balance extension, Drink-IT Edition, you can:

- Define the journal template and journal batch for alcohol adjustments to post the loss quantities as negative item adjustments in the journal on the **Alcohol Balance Setup** page. To know more, see [Alcohol Balance Set Up - Posting](#).
- Define how alcohol aging adjustments are calculated for each item on the **Item Card** page. You can specify the adjustment period, set a custom period formula, and enter the expected loss percentage due to evaporation.
- Manage how alcohol aging adjustments are applied at the lot level on the **Lot No. Information Card** page.
- Use the **Alcohol Aging Adjustment** page to automatically calculate and post adjustments for alcohol losses due to aging.
To know more, see [Alcohol aging adjustment](#).
- Define the journal template and batch to remove residual stock from inventory by executing the **Set Lot Stock to 0** action.
- Execute the **Set Lot Stock to 0** action to clear any remaining stock in the inventory (without manually creating journal lines), often because of rounding differences, evaporation, or other tolerances.
To know more, see [Set lot stock to zero](#).

UI/UX changes

The following UI/UX changes have been made in this release.

- The following pages have been added.
 - Alcohol Aging Adjustment
 - Set Lot Stock To Zero
 - Alcohol Loss Entries
- The **Alcohol Aging Ledger** action has been added to the **Lot No. Information Card** page.
- The **Run Alcohol Aging Adjustment** action has been added to the following pages:
 - Lot No. Information List
 - Lot No. Information Card



- The **Set Lot Stock to 0** action has been added to the following pages:
 - Released Production Order
 - Finished Production Order
 - Lot No. Information Card
 - Service Item Card
- The **Aging Adjustment** FastTab has been added to the **Alcohol Balance Setup** page.
- The **Alcohol Aging** group has been added to the **Alcohol Balance** FastTab of the **Item Card** and **Lot No. Information Card** pages.
- The following fields have been added to the **Alcohol Balance Setup** page.
 - Set Stock To Zero Jnl. Name
 - Set Stock To Zero Jnl. Batch Name
- The **Alcohol Aging Adjustment** filter field has been added to the following pages:
 - Physical Inventory Journals
 - Item Journals
 - Item Ledger Entries



2502.0.0.0

Release Note • 8/27/2025 • 1 min read

Features

With the feature added in this release of the Apteau Beverage Alcohol Balance extension, Drink-IT Edition, when the Apteau [Quality Control \(BC\)](#) extension is installed, the system enables alcohol percentage tracking as part of quality control processes. To know more, see [Integration with Apteau Quality Control \(BC\)](#).

Integrations

The Apteau Beverage Alcohol Balance extension, Drink-IT Edition, has been integrated with the Apteau [Quality Control \(BC\)](#) extension. To know more, see [Integrations](#).

UI/UX changes

The following UI/UX changes have been made in this release.

- The **Action Code** field has been added to the **Quality Control Questions** page.
- The **Calculation Method Code** field has been added to the **Quality Control Plan** page.



2501.0.0.0

Release Note • 7/30/2025 • 1 min read

Features

With the features added in this release of the Aptean Beverage Alcohol Balance extension, Drink-IT Edition,

- You can update the alcohol strength for specific lot numbers directly from the **Inventory Put-Away** and **Warehouse Put-away** pages.
- The system displays an error message if you enter a negative value for alcohol strength in the item tracking lines of the purchase documents.

UI/UX changes

The **Change Strength** action has been added to the **Inventory Put-Away** and **Warehouse Put-away** pages.



2402.7.0.0

Release Note • 4/9/2025 • 1 min read

Resolved issues

The following issues have been resolved in this release.

ID	Description
271228	The system incorrectly displays a confirmation message when closing the Item Tracking Lines page associated with a released production order, even for items that do not have a strength value set or require strength tracking.
273098	The system allows the base quantity to be modified on the Item Tracking Lines page of a released production order, which updates the production order line quantity, but fails to update the Expected Quantity field value on the component lines. As a result, the component lines retain the original quantity and scrap %, leading to inconsistencies unless the quantity is manually updated.



2402.6.0.0

Release Note • 2/3/2025 • 1 min read

Enhancements/Modifications

With this release of the Aptean Beverage Alcohol Balance extension, Drink-IT Edition, the *ItemsVariableStrength* procedure has been added to the *IntlUpdLotStrength111FDW* codeunit to ensure that items are processed only if they have variable strength, improving performance and accuracy.



2402.5.0.0

Release Note • 1/20/2025 • 1 min read

Resolved issues

The following issue has been resolved in this release.

ID	Description
256153	The system fails to recalculate the Quantity field value on the Purchase Order page while changing the Strength (UoM) field value on the associated Item Tracking Lines page. This issue occurs when the unit of measure of the selected item is set to <i>LA</i> (Liter pure Alcohol).



2402.4.0.0

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

Resolved issues

The following issues has been resolved in this release:

ID	Description
229566	The system fails to update the Expected Volume L (Consumption) field on the Prod. Order Components page when changing the Expected Quantity field value for the principal component line.



2402.3.0.0

Release Note • 9/24/2024 • 1 min read

Enhancements/Modifications

This release of the Aptean Beverage Alcohol Balance extension, Drink-IT Edition, resolves an issue encountered when installing this extension in new environments.



2402.2.0.0

Release Note • 9/16/2024 • 1 min read

Enhancements/Modifications

With this release of the Aptean Beverage Alcohol Balance 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.



2402.1.0.0

Release Note • 6/26/2024 • 1 min read

Enhancements/Modifications

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



2402.0.0.0

Release Note • 6/13/2024 • 1 min read

Enhancements/Modifications

With this release of the Apteau Beverage Alcohol Balance extension, code changes were made to the permission sets to optimize performance.



2401.0.0.0

Release Note • 4/3/2024 • 1 min read

Resolved issues

The following issues has been resolved in this release:

ID	Description
150843	When the Change Strengths action is executed on the Lot No. Information Card page, an incorrect message is displayed and an error occurs, preventing the change of Strengths.
157391	When the purchase order is released and the Item Tracking is updated, then the <i>Quantity</i> field on the Purchase Order page also gets updated.



2312.0.0.0

Release Note • 12/13/2023 • 1 min read

Enhancements/Modifications

You can now define the Reason Codes for the entries from the **Alcohol Balance Setup** page through the **General** action.

UI/UX Changes

The **General** action is added to the **Alcohol Balance Setup** page.

Resolved Issues

The following issue has been resolved in this release.

ID	Description
150843	An unexpected notification appears indicating that the strength value is changed despite of no changes while executing the Change Strengths function. Also, when attempt to apply the changes, an error message appears on the reclassification journal to post the change.



23.500.105394.0

Release Note • 7/6/2023 • 1 min read

Enhancements/Modifications

The optimization of tooltips and translations was performed for the following language codes:

- de - DE
- fr - BE
- fr - FR
- nl - BE
- nl - NL



23.300.101452.0

Release Note • 7/6/2023 • 1 min read

Enhancements/Modifications

The **Drink-IT Alcohol Balance** has been rebranded to **Aptean Beverage Alcohol Balance for Drink-IT Edition**.



20.202209.0.0

Release Note • 7/6/2023 • 1 min read

Resolved issues

PBI No.	Description
223303	Not possible to change the strength of a lot when the lot number has more than 20 characters

PBI 223303 Not possible to change the strength of a lot when the lot number has more than 20 characters

What

Not possible to change the strength of a lot when the lot number has more than 20 characters.

Why

A lot number can be built with 50 characters. But is was not possible to change the strength of a lot when it had more than 20 characters. This is solved.



20.202205.0.0

Release Note • 7/6/2023 • 1 min read

Resolved issues

PBI No.	Description
217962	Alcohol Balance reports should show 3 decimals

PBI 217962 Alcohol Balance reports should show 3 decimals

What

The alcohol balance reports showed values in 2 decimals. Often it is required to report in milliliters. That has been adjusted. The reports now show values in 3 decimals.



18.202203.0.0

Release Note • 7/6/2023 • 3 min read

Features

PBI No.	Description
212142	Structured Reason codes - Copy

Resolved issues

PBI No.	Description
206847	Alcohol Balance by Cask - Permission error
209814	Volume-strength purchase price conflict with FND
212641	Production Order Status cannot be changed to Finished due to rounding issue

PBI 212142 - Structured Reason codes - Copy

What

Structured Reason codes

Why

Multiple Drink-IT apps make use of Reason Codes. To prevent yourself from selecting from a long list of codes, you can now define where you want a reason code to be available for selection. You will only see the relevant codes.

How

1. Select the Search icon  , enter **Reason Codes**, and then choose the related link. 2. Open the card of the code for which you want to specify the use. 3. On the **Drink-IT Foundation** FastTab, select the **Losses** field for reason codes that you want to use for registrations in the **Alcohol Loss Journal**.

PBI 206847 Alcohol Balance by Cask - Permission error

Fixed

A customer business central license did not allow you to select a **Cask** on the **Lot Information** Card. This is solved.



PBI 209814 - Volume-strength purchase price conflict with FND

Fixed

- You can update Drink-IT foundation (value) fields, even if there is history for that value in entries or document lines.
- In Drink-IT Alcohol Balance, you can use purchase prices per volume-strength (liters alcohol).

Due to a conflict between these two functions, the update of volume fields in purchase lines (when changed on the item card) was not done correctly. This is solved.

PBI 212641 - Production Order Status cannot be changed to Finished due to rounding issue

Fixed

The **Production Order Status** cannot be changed to *Finished* due to rounding issue.

When the difference in liters of alcohol consumed and produced in a released production order was less than 0.0001, and you use the **Force 0.0 Alcohol Balance** function, you were not able to change the status of your production order to *Finished*. This is solved by ignoring such a small difference.



18.202201.0.0

Release Note • 7/6/2023 • 2 min read

Features

PBI No.	Description
209088	Update Foundation fields in Entries and Documents (Volume and Strength)

Resolved issues

PBI No.	Description
204360	Casks items - Page service item must close from a SQL error
204365	Reclassification does not post correct strength
204573	Alcohol Balance by Cask - No partial Transfer of Cask Lot

PBI 209088 - Update Foundation fields in Entries and Documents (Volume and Strength)

What

Update Foundation fields in Entries and Documents (Volume and Strength), when history exists.

Why

When the initial setup on item card was wrong, you were not able to correct the existing entries.

How

Change Volume or Strength field on item card. When history exists (entries, journal lines, document lines), the user will be prompted to confirm an update. If so, it will update it.

PBI 204360 - Casks items - Page service item must close from a SQL error

What

Casks items - Page service item must close from a SQL error.



Why

An SQL error occurs when opening Page Service Item.

How

Error solved.

PBI 204365 - Reclassification does not post correct strength

Fixed - Reclassification does not post correct strength.

PBI 204573 - Alcohol Balance by Cask - No partial Transfer of Cask Lot

Error solved.



18.202111.0.0

Release Note • 7/6/2023 • 1 min read

Features

PBI No.	Description
199097	Performance on Order Entry page - Apply Changes
199650	Save record on setting exclusivity Customer/Item.
201692	Update recurring sales lines when an item is changed to blocked for sales

PBI 199097 - Performance on Order Entry Page - Apply changes

Performance improvements on executing the **Apply Changes** function on the **Order Entry** page.

PBI 199650 - Save Record on Setting Exclusivity Customer/Item

Function - When the **Exclusivity Customer** field on the **Customer Card** is selected, or cleared, then the impact of that change is executed immediately. In the previous version this was done on closing the **Customer Card**.

PBI 201692 - Update recurring sales lines when an item is changed to blocked for sales

Function - When the **Sales Blocked** field is selected on an **Item Card**, you can automatically remove the item from all recurring sales lines by confirming a message.



Introduction

Article • 10/31/2023 • 1 min read

The Aptean Beverage Alcohol Balance (ALC), Drink IT Edition is a extension to Business Central for distilleries and other companies in the beverage industry, where it is necessary to report and justify alcohol movements and losses.

Business Processes

- [Release notes](#)
- [Getting started](#)
- [Create your own DEMO Company](#)
- [Setting Up Alcohol Balance](#)
- [Business Process Walkthroughs](#)
- [App Design Details](#)



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 in 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. Choose 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 Alcohol Balance

Article • 7/6/2023 • 1 min read

Before you can start using Aptean Beverage Alcohol Balance there are few things to setup.

The following table describes a sequence of tasks, with links to the topics that describe them.

To	See
Set up permission sets	Manage permission sets
Create generic set up for Alcohol Balance	Alcohol Balance Set Up - General
Set up volumes, strengths and weights in the Drink-IT Foundation app	Setting up Drink-IT Foundation
Create posting set up for Alcohol Balance	Alcohol Balance Set Up - Posting
Set up strength methods on item tracking codes	Variable Strength Items
Specify volume*strength units of measure for recalculation of variable strength items	Volume*Strength Units of Measure



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 *ALCOHOLBALANCE111FDW*.

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 *ALCBALBASIC111FDW*.

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.



Alcohol Balance for Drink-IT

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 Alcohol Balance extension, ensuring secure and role-based access.



Alcohol Balance Set Up - General

Article • 7/6/2023 • 7 min read

1. Select the Search icon  , enter **Alcohol Balance Set Up**, and then choose the related link.
2. Open the alcohol balance set up card, and then choose the **General** FastTab.
3. Fill in the fields as necessary. Hover over a field to read a short description or read more in the explanation of the fields in this topic.

Force 0.0 Alcohol Balance

When *Force 0.0 Alcohol Balance* is selected in the Alcohol Balance Set Up, it is not possible to change the status of a production order to *Finished* when the difference between the consumed volume *strength (liters pure alcohol)* and the volume strength output is not specified with loss registrations.

Tolerance %

Specifies the percentage that represents the loss that you allow when the status of a production order is changed to *Finished*.

When the difference between the **consumed volume*strength** and the **volume*strength output** is less or equal to this percentage, an [Alcohol Loss Entry](#) is automatically created that represents the difference.

When this difference is more than the tolerance percentage, you will be forced to register losses before the status change can be executed.

Note

This function only works when [Force 0.0 Alcohol Balance](#) is selected. When Alcohol Loss Entries are registered in a Production Order, the tolerated loss will **not** be created when the status of the order is changed to *Finished*. The full loss must be registered in the Alcohol Loss Journal.

Tolerance Reason

Specifies the Reason Code for losses that are within the [Tolerance %](#). The [Alcohol Loss Entry](#) will be created with this Reason Code.

See also



[Define Reason Codes](#)

Variable Strength Items

Raw materials and semi-finished items with alcohol, do not always have the same strength. Pure alcohol for instance, can vary per batch. Still, for the Alcohol Balance, it is necessary to calculate with the actual strength so that you are able to report with the correct figures. In Drink-IT Alcohol Balance it is possible to:

- Define Items for Variable Strength in the Item Tracking Code.
- Register the actual strength of a lot on positive entries.
- Inherit the actual strength from a lot on a negative entries.

Only lot tracked items can be set up with variable strength.

1. Select the Search icon , enter **Item Tracking Codes**, and then choose the related link.
2. Choose the **New** action.
3. Fill in the fields as necessary. Hover over a field to read a short description.
4. On the **Lot No.** FastTab, define policies of item tracking by lot numbers.
5. On the **Alcohol Balance** FastTab, define policies of item strengths.

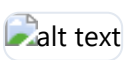
See also

[Work with Serial and Lot Numbers](#)

Volume*Strength Units of Measure

When prices for variable strength items are agreed in a volume*strength units of measure, like liters of alcohol, a best practice is to use that unit of measure as the price unit of measure. The order processing will in many cases be done in volumes (liters, hectoliters or other) where the (default) strength of the item converts that to the liters of alcohol.

When ordered in bulk, the actual volume and strength of the goods can deviate from the order. To make it possible to register these differences in a simple and efficient way, without manual calculations, you can setup the recalculation parameters in the unit of measure table.

1. Select the Search icon , enter **Units of Measure**, and then choose the related link.
2. On the **Units of Measure** page, select the volume*strength unit of measure or choose the **New** action to create one.
3. Fill in the fields as necessary. Hover over a field to read a short description.



4. In the **Volume UOM** field, select the unit of measure that represents the volume.
5. In the **Strength UOM** field, select the unit of measure that represents the strength.
6. Select the **Allow Qty. Recalc. (Vol*Str)** check box.

 Note

The **Volume UOM**, **Strength UOM** and **Allow Qty. Recalc. (Vol*Str)** fields are by default hidden on the **Units of Measure** page. You can make them visible by [Personalizing](#).



Alcohol Balance Set Up - Posting

Article • 9/24/2025 • 3 min read

1. Select the Search icon  , enter **Alcohol Balance Set Up** and then choose the related link.
2. Open the alcohol balance set up card, and then choose the **Posting** FastTab.
3. In the **Set Stock To Zero Jnl. Template** field, select the journal template used when setting the lot stock to zero.
4. In the **Set Stock To Zero Jnl. Batch Name** field, select the journal batch associated with the selected journal template for setting the lot stock to zero.
5. On the **Aging Adjustment** FastTab, in the **Alcohol Aging Adj. Jnl. Template** field, select the item journal template that is used to record alcohol aging losses. The system posts the loss quantities as negative item adjustments in this journal.

Note

Only item journal templates of type, *Item* and *Phys. Inventory* can be selected.

6. In the **Alcohol Aging Adj. Jnl. Batch** field, select the batch name within the selected journal template where the alcohol aging loss entries should be posted.

Item Recl. Jnl. Name

Specifies the name of the item journal that is used when changes in strength are posted.

Strength changes are applied to item ledger entries. The entry with the existing strength will be reversed and a new entry will be created. Strength changes can be executed from the [lot no. information card](#) and in [item reclassification journals](#).

Item Recl. Jnl. Batch Name

Specifies the name of the item journal batch that is used when changes in strength are posted.

Alcohol Loss Jnl. Name

Specifies the name of the alcohol loss journal that is used when alcohol losses are posted.

Alcohol losses can be posted from [released production orders](#) and [finished production orders](#) . When posted, [alcohol loss entries](#) will be created.



Alcohol Loss Jnl. Batch Name

Specifies the name of the alcohol loss journal batch that is used when alcohol losses are posted.



Variable Strength Items

Article • 7/6/2023 • 2 min read

Raw materials and semi-finished items with alcohol, do not always have the same strength. Pure alcohol for instance, can vary per batch. Still, for the Alcohol Balance, it is necessary to calculate with the actual strength so that you are able to report with the correct figures. In Drink-IT Alcohol Balance it is possible to:

- Define Items for Variable Strength in the Item Tracking Code.
- Register the actual strength of a lot on positive entries.
- Inherit the actual strength from a lot on a negative entries.

Only lot tracked items can be set up with variable strength.

1. Select the Search icon , enter **Item Tracking Codes**, and then choose the related link.
2. Choose the **New** action.
3. Fill in the fields as necessary. Hover over a field to read a short description.
4. On the **Lot No.** FastTab, define policies of item tracking by lot numbers.
5. On the **Alcohol Balance** FastTab, define policies of item strengths.

See also

[Work with Serial and Lot Numbers](#)



Volume and Strength Units of Measure

Article • 7/6/2023 • 3 min read

When prices for variable strength items are agreed in a volume*strength units of measure, like liters of alcohol, a best practice is to use that unit of measure as the price unit of measure. The order processing will in many cases be done in volumes (liters, hectoliters or other) where the (default) strength of the item converts that to the liters of alcohol.

When ordered in bulk, the actual volume and strength of the goods can deviate from the order. To make it possible to register these differences in a simple and efficient way, without manual calculations, you can setup the recalculation parameters in the unit of measure table.

1. Select the Search icon , enter **Units of Measure**, and then choose the related link.
2. On the **Units of Measure** page, select the **Volume*Strength Units of Measure** or choose the **New** action to create one.
3. Fill in the fields as necessary. Hover over a field to read a short description.
4. In the **Volume UOM** field, select the unit of measure that represents the volume.
5. In the **Strength UOM** field, select the unit of measure that represents the strength.
6. Select the **Allow Qty. Recalc. (Vol*Str)** check box.

Note

The **Volume UOM**, **Strength UOM** and **Allow Qty. Recalc. (Vol*Str)** fields are by default hidden on the **Units of Measure** page. You can make them visible by [Personalizing](#).



Alcohol aging adjustment

Article • 9/24/2025 • 6 min read

The alcohol aging adjustment feature helps you account for natural losses that occur during the aging process of alcohol. Instead of manually tracking these reductions, the system automatically posts the losses as negative item adjustments in the journals you define. By configuring the adjustment templates and batches on the **Alcohol Balance Setup** page, you can ensure that all aging-related reductions are recorded accurately.

Alcohol aging adjustment for items

You can use the **Alcohol Aging** group on the **Alcohol Balance** FastTab of the **Item Card** page to define how alcohol aging adjustments are calculated for each item. You can set the adjustment period, specify custom formulas, and enter the expected loss percentage due to evaporation.

1. Open the **Item Card** page.
2. On the **Alcohol Balance** FastTab, in the **Alcohol Aging Adj. Period** field, select the period by which the adjustment should be posted. The available options are:
 - **Blank**: No alcohol aging adjustment is applied.
 - **Month**: Calculates the alcohol loss percentage every month.
 - **Quarter**: Calculates the alcohol loss percentage every three months.
 - **Year**: Calculates the alcohol loss percentage every year.
 - **Custom**: Calculates the alcohol loss percentage based on the custom value defined in the **Alcohol Aging Adj. Period Formula** field.
3. In the **Alcohol Aging Adj. Period Formula** field, enter the custom value [for example, 3D (for days) or 2M (for months)] to specify by which period alcohol aging adjustment is posted when the *Custom* option is selected in the **Alcohol Aging Adj. Period** field.
4. In the **Alcohol Aging Adj. Loss %** field, enter the percentage of loss (0–100) that should be applied for the selected adjustment period. This represents evaporation or natural reduction during the aging process.

Note

This field becomes non-editable only when the **Alcohol Aging Adj. Period** field value is set to blank.

Track alcohol aging adjustment for lots

The **Lot No. Information Card** page displays alcohol aging details inherited from the **Item Card** page. This allows you to monitor and manage how alcohol aging adjustments are applied at the lot level and update the last alcohol



aging adjustment date to trigger recalculation of the next adjustment date.

To view and manage alcohol aging details for a lot, follow these steps:

1. Open the **Lot No. Information List** page.
2. Select the required lot number from the list.

The **Lot No. Information Card** page opens.

On the **Alcohol Balance** FastTab, in the **Alcohol Aging** group, you can view the following fields:

Field	Description
Alcohol Aging Adj. Period	Specifies the adjustment period (<i>Month, Quarter, Year, or Custom</i>) defined for the item.
Alcohol Aging Adj. Period Formula	Specifies the custom formula (for example, <i>3M</i> for three months) if <i>Custom</i> was selected on the item card.
Alcohol Aging Adj. Loss %	Specifies the percentage of alcohol loss applied in the defined adjustment period.

3. In the **Last Alcohol Aging Adj. Date** field, select the most recent date (before the system date) on which alcohol evaporation losses were recorded as an adjustment. If a lot does not already have this date, you must enter it manually. For new lots, the system adds the date automatically, and it defaults to the posting date.
4. In the **Next Alcohol Aging Adj. Date** field, the system automatically calculates the next alcohol aging adjustment date based on the **Last Alcohol Aging Adj. Date** field value + defined **Alcohol Aging Adj. Period** field value or the **Alcohol Aging Adj. Period Formula** field value.

Note

The system automatically updates the adjustment dates, when you run the **Alcohol Aging Adjustment** report and post the physical inventory or item journals.

- The **Last Alcohol Aging Adj. Date** field value becomes the next alcohol aging adjustment date.
- The **Next Alcohol Aging Adj. Date** field value is recalculated based on the adjustment period or custom period formula.

For example, if the last adjustment date was *01/09/25* and the next adjustment date was *03/09/25*, after posting the journals, the last adjustment date updates to *03/09/25*, and the next adjustment date updates to *05/09/25*. The time period between the two dates is determined by the adjustment period formula.

You can execute the **Alcohol Aging Ledger** action to view all alcohol aging adjustments linked to a specific lot.



Alcohol aging adjustment

The **Alcohol Aging Adjustment** page allows you create and post adjustments for alcohol losses due to aging. The report creates item journal lines in bulk for selected lots based on the adjustment rules defined on the **Item Card** and **Lot Information Card** pages. You can run the report manually from several pages or schedule it through the job queue for automated processing.

To run the alcohol aging adjustment report, follow these steps:

1. Open the **Alcohol Aging Adjustments** page.

You can open the **Alcohol Aging Adjustments** page from the following pages:

- Lot No. Information List (**Actions** > **Alcohol Aging** > **Run Alcohol Aging Adjustment**)
- Lot No. Information Card (**Actions** > **Alcohol Aging** > **Run Alcohol Aging Adjustment**)
- Run automatically using the **Job Queue** page

2. On the **Options** FastTab, in the **Posting Date Type** field, select one of the following options:

- *From Lot Next Alcohol Adjustment Date*: Specifies that the document is posted based on the next adjustment date from the **Lot No. Information Card** page.
- *Use Manual Date*: Specifies that the document is posted based on the manually updated date in the **Posting Date** field.

3. In the **Posting Date** field, specify the posting date for the alcohol adjustment.

Note

This field is visible only when the **Posting Date Type** field value is set as *Use Manual Date*.

4. In the **Location Code** field, select the required location.

5. On the **Filter: Lot No. Information** FastTab, select your filters as needed:

- Lot No.
- Item No.
- Location Code

6. Select **OK**.

The system checks each lot against the following conditions:

- The **Next Alcohol Aging Adj. Date** field value on the **Lot No. Information Card** page is equal to or earlier than the work date.



- The related item has a non-zero alcohol aging loss %.
- The remaining quantity for the lot is greater than zero.

If the lot is eligible, the system completes alcohol aging adjustments.

Post journal lines for aging adjustments

After running the **Alcohol Aging Adjustment** report, the system completes alcohol aging adjustments by creating an item journal or a physical inventory journal.

Additionally, the system creates physical inventory or item journal lines based on the configuration on the **Alcohol Balance Setup** page for alcohol adjustments with the following details:

- **Quantity** (Remaining quantity × alcohol aging loss %).
- **Posting Date** (Next alcohol aging adjustment date).
- **Item No.**, **Location**, **Lot No.**, and mandatory journal fields are filled automatically.
- The journal batch is updated from the **Alcohol Balance Setup** page.

Note

On the **Filter list by** section, select the **Alcohol Aging Adjustment** filter set to **Yes** to display the lines that are part of the alcohol aging process.

If the journal batch contains both alcohol aging adjustment lines and regular lines, the system displays a confirmation message. Select **Yes** to continue or **No** to cancel posting and return to the journal so you can separate the lines.

After posting is complete, you can view the related adjustments on the **Item Ledger Entries** page for the posted journals.



Set lot stock to zero

Article • 9/24/2025 • 2 min read

The set lot stock to zero functionality allows you to quickly remove the remaining stock in a lot from inventory without manually creating journal entries. This ensures that inventory records reflect the actual physical stock for lots that should no longer carry a positive quantity.

- 1. Open the **Set Lot Stock To Zero** page.
Alternatively, you can open the page by executing the **Set Lot Stock to 0** action on the **Lot No. Information Card** page (**Related > Set Lot Stock to 0**).

! Note

The **Set Lot Stock to 0** action is only accessible for lots with a positive remaining quantity.

The system checks if the related journal template and batch are defined on the **Alcohol Balance Setup** page. If the field values are defined, the **Set Lot Stock To Zero** page opens.

- 2. On the **Lot No. Information** FastTab, enter the required information in the following fields:

Field	Description
Lot No.	Select the lot number selected for adjustment.
Item No.	Select the item number associated with the lot.

- 3. On the **General** FastTab, enter the required information in the following fields:

Field	Description
Posting Date	Select the posting date for the adjustment. This field is mandatory and defaults to the current work date. The posting date cannot be earlier than the last transaction date for the lot.
Reason Code	Select the reason code for setting the lot stock to zero. If the remaining quantity is within tolerance %, the field value is prefilled from the Alcohol Balance Setup page and cannot be edited. If the remaining quantity is outside tolerance %, the field is mandatory and must be selected before posting.
Volume Unit	Select the unit of measure used for the item.
Strength Unit	Select the alcohol strength percentage or unit.

- 4. On the **Filter: Lot No. Information** FastTab, you can filter the lot data if multiple lots are being processed.



5. Select **OK**.

The system validates the entries. If the validation passes:

- The system automatically creates and posts the item journal.
- The lot stock is reduced to zero in the **Inventory** field.
- You can view the adjustments on the **Item Ledger Entries** page.
- The system records the related alcohol losses on the **Alcohol Loss Entries** page and links them to the production outputs where the lot was consumed.



Business Process Walkthroughs

Article • 7/6/2023 • 2 min read

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

 **Note**

Create a copy of this company to keep your CRONUS DIT 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 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.

To	See
Learn how to change the strength of an existing lot from the Lot No. Information Card	Walkthrough: Change the strength of an existing lot from the Lot No. Information Card
Learn how to change the strength of an existing lot in the Item Reclassification Journal	Walkthrough: Change the strength of an existing lot in the Item Reclassification Journal
Learn how to register Alcohol Losses	Walkthrough: Post Alcohol Losses from Released Production Orders
Register Alcohol Losses on Finished Production Orders	Walkthrough: Post Alcohol Losses from Finished Production Orders



Execute the Alcohol Balance Report	Walkthrough: Alcohol Balance Report
Learn how to order, receive and invoice liters of alcohol	Walkthrough: Order, receive and invoice liters of alcohol
Learn how to sell, ship and invoice liters of alcohol	Walkthrough: Sell, ship and invoice liters of alcohol



Change the strength of an existing lot from the Lot No. Information Card

Article • 7/30/2025 • 2 min read

1. Select the Search icon , enter **Lot No. Information List**, and then choose the related link.
2. Open the relevant **Lot No. Information Card** and then enter the new strength in the relevant **Strength** field.

Note

This action is only possible when there are no existing entries. In that case the change should be done according to step 3.

3. Open the relevant **Lot No. Information Card** and then choose the **Change Strengths** action.

Note

You can update the alcohol strength for specific lot numbers directly from the **Inventory Put-Away** and **Warehouse Put-away** pages.

4. On the **Change Strength** page, fill in the fields as necessary Hover over a field to read a short description.
5. Click **OK**.

See also

[Work with Serial and Lot Numbers](#)



Change the strength of an existing lot in the Item Reclassification Journal

Article • 7/6/2023 • 2 min read

1. Select the Search icon  , enter **Item Reclass. Journals**, and then choose the related link.
2. On the **Item Reclass. Journal** page, fill in the fields as necessary.
3. In the **Strength** field, the item's default strength is shown (or, when item tracking lines are created, the actual strength).
4. In the **New Strength** field, enter the item's new strength.
5. Choose the **Post** action.

See also

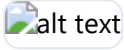
[Count, Adjust, and Reclassify Inventory Using Journals](#)



Post Alcohol Losses from Released Production Orders

Article • 7/6/2023 • 2 min read

Alcohol losses can be registered in the Alcohol Loss Journal. With the use of reason codes, each loss on a production can be justified. Alcohol Loss entries will be created when the journal is posted, where each loss entry is connected to the Item Ledger Entry that represents the output of the production.

1. Select the Search icon  , enter **Released Production Orders**, and then choose the related link.
2. Open the relevant production order, and then choose the **Register Alcohol Loss** action.
3. On the **Alcohol Loss Journal** page, select the volume – and strength unit as necessary in the header.
4. Fill in the journal lines as necessary. When the volume strength is filled in, the volume is automatically calculated and vice-versa.

Note

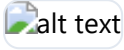
Alcohol Losses are related to produced items. When losses are posted to multiple output entries, the loss is proportional divided over these entries. Also in the Alcohol Balance Report, losses are shown in the specification of the produced item.



Post Alcohol Losses from Finished Production Orders

Article • 7/6/2023 • 2 min read

When the status of a Production Order is changed to *Finished*, you are not allowed to post on it anymore. There is an exception for the posting of losses. It is possible to post losses on a Finished Production Order but with the restriction that the result is neutral.

1. Select the Search icon  , enter **Finished Production Orders**, and then choose the related link.
2. Open the relevant production order, and then choose the **Register Alcohol Loss** action.
3. On the **Alcohol Loss Journal** page, select the volume – and strength unit as necessary in the header.
4. Fill in the journal lines as necessary. When the volume strength is filled in, the volume is automatically calculated and vice-versa.

Note

Alcohol Losses are related to produced items. When losses are posted to multiple output entries, the loss is proportional divided over these entries. Also in the Alcohol Balance Report, losses are shown in the specification of the produced item.



Order, receive and invoice liters of alcohol

Article • 2/26/2026 • 5 min read

When prices for variable strength items are agreed in for instance liters of alcohol, it is best practice to order in that unit of measure.

Exercise: Purchase a full tank truck of alcohol

Story

Ian is purchase manager at CRONUS DIT. With the supplier, he agreed a price of 1.25 per liter alcohol. He orders a full tank truck.

Verify that you are a warehouse employee for location BLUE-PROD

1. Select the Search icon , enter **Purchase Orders**, and then choose the related link.
2. On the **Purchase Order** page, select vendor 83000 Groene Kater BVBA - Raw Alcohol.
3. Create a purchase line with Item 6494 Alcohol 96 - Standard (LOT+QLTY) - PUR in LA
 - In the Volume L field, enter 30,000.
 - Check the **Strength ABV**; 96.00 is the default off the item.
 - Check the **Total ABV*L**; 28,000 is the liters of alcohol
 - Check the **Quantity**; equal to the liters of alcohol.
 - Check the **Unit Cost** and **Line Amount**; according to purchase price setup.
4. Release the order Bob is warehouse employee. He prepared the warehouse receipt for the order and now registers the receipt according to the delivery note from Groene Kater. It tells him that the tank contained 29.800 liters at a strength of 95.80%.
5. Create the warehouse receipt by executing the **Create Whse. Receipt** action.
6. On the **Lines** FastTab, choose the **Item Tracking Lines** action.
7. Assign a lot number with the **Assign Lot No.** function
8. Register the actual 29.800 liters in the **Quantity Base** field and the actual strength in **Strength ABV**.
9. Close the page and confirm the update question.
10. To post the receipt, choose the **Post** action.

Inge is the accounts payables employee that received the invoice from Groene Kater. The document shows that 28,548,40 liters of alcohol is calculated at 1.25 per liter. This makes the total amount excl. VAT 35,685.40. Before she posts the invoice, she confirms herself that the invoice is according the agreed price and matches with the receipt.



11. Select the Search icon , enter **Purchase Invoices**, and then choose the related link.
12. On the **Purchase Invoice** page, select vendor 83000 Groene Kater BVBA - Raw Alcohol and register the Vendor Invoice No.
13. On the **Lines** FastTab, choose the **Get Receipt Lines** action.
14. Select the receipt line that is included in the invoice.
15. Match the invoice amounts. To post the invoice, choose the **Post** action.

See also

[Volume and strength units of measure](#)



Sell, ship and invoice liters of alcohol

Article • 7/6/2026 • 5 min read

When prices for variable strength items are agreed in liters of alcohol, the system automatically adjusts the sales order line to reflect the actual alcohol content of the shipped lot, while preserving the agreed unit price.

Exercise: Sell a full tank truck of alcohol

Story

Anna is sales manager at CRONUS DIT. With the customer, she agreed a price of 1.30 per liter alcohol. She creates a sales order for a full tank truck.

Verify that you are a warehouse employee for location BLUE-PROD

1. Select the Search icon , enter **Sales Orders**, and then choose the related link.
2. On the **Sales Order** page, select the customer.
3. Create a sales line with an alcohol item configured in LA (liters of alcohol).

- In the **Volume L** field, enter 25,000.
- Check the **Strength ABV**; 96.00 is the default off the item.
- Check the **Total ABV*L**; 24,000 is the liters of alcohol.
- Check the **Quantity**; equal to the liters of alcohol.
- Check the **Unit Price** and **Line Amount**; according to sales price setup.

4. Release the order.

Bob is warehouse employee. He prepares the warehouse shipment for the order and now registers the shipment according to the delivery. The tank contained 24,800 liters at a strength of 95.80%.

5. Create the warehouse shipment by executing the **Create Whse. Shipment** action.
6. On the **Lines** FastTab, choose the **Item Tracking Lines** action.
7. Assign a lot number with the **Assign Lot No.** function.
8. Register the actual 24,800 liters in the **Quantity Base** field and the actual strength in **Strength ABV**.
9. Close the page and confirm the update question.

The system recalculates the **Quantity** and **Total ABV*L** on the sales order line based on the actual lot strength. The agreed **Unit Price** is preserved exactly as set on the order.

- Check the **Total ABV*L** on the sales order line; 23,758.40 is the actual liters of alcohol.
- Check the **Quantity**; equal to the actual liters of alcohol.



- Check the **Unit Price**; unchanged at 1.30.
- Check the **Line Amount**; $23,758.40 \times 1.30 = 30,885.92$ excl. VAT.

10. To post the shipment, choose the **Post** action.

Ian is the accounts receivable employee that prepares the sales invoice. The posted shipment documents 23,758.40 liters of alcohol calculated at 1.30 per liter. This makes the total amount excl. VAT 30,885.92. Before he posts the invoice, he confirms that the invoice matches the actual shipment and the agreed price.

11. Select the Search icon , enter **Sales Invoices**, and then choose the related link.

12. On the **Sales Invoice** page, select the customer and register the document reference.

13. On the **Lines** FastTab, choose the **Get Shipment Lines** action.

14. Select the shipment line that is included in the invoice.

15. Match the invoice amounts. To post the invoice, choose the **Post** action.

See also

[Order, receive and invoice liters of alcohol](#)

[Volume and strength units of measure](#)



Alcohol Balance Report

Article • 7/6/2023 • 1 min read

To calculate the alcohol value in the **Alcohol Balance** report, the report begins by calculating the value of the item's alcohol value at a given starting date. It then adds the value of alcohol increases and subtracts the value of alcohol decreases up to a given ending date. Alcohol losses for the item are specified in a separate column. The end result is the alcohol value on the ending date. The report calculates these values by summing the values in the **Volume-Strength** fields in the item ledger entries and alcohol loss entries, using the posting dates as filters.

See also

[Design Details: Work In Progress on the Alcohol Balance Report](#)



Design Details

Article • 7/6/2023 • 1 min read

This content contains detailed technical information about complex application features in Apteau Beverage Alcohol Balance.

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

Column A	Column B
Learn about automatically created Lot No. Information Cards	Design Details: Create Lot No. Information Cards automatically.
Understand the Alcohol Loss Entries	Design Details: Alcohol Loss Entries
Understand what Work In Progress means on the Alcohol Balance Report	Design Details: Work In Progress on the Alcohol Balance Report



Create Lot No Information Cards automatically

Article • 7/6/2023 • 1 min read

On the **Item Tracking Code Card** page, you can specify the lot numbers on inbound – and outbound document numbers must have an information record in Lot No. Information Card.

In Aptean Beverage Alcohol Balance, when these fields are selected, the **Lot No. Information Card** will automatically be created:

When the **Item Tracking Lines** page is closed by the users, the **Lot No. Information Card** is created automatically on the background.

See also

[Work with Serial and Lot Numbers](#)



Alcohol Loss Entries

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Alcohol Loss Entries specify your alcohol losses. They are the source for the losses that are reported in the Alcohol Balance reports. Alcohol Loss Entries are created from [Production Orders](#). Each entry is connected to an Item Ledger Entry that represents the output posting of the production order.

1. Select the Search icon , enter **Alcohol Loss Entries**, and then choose the related link.
2. Hover over a field to read a short description.



Work In Progress on the Alcohol Balance Report

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Work in progress in the alcohol balance extension is about entries from (production) orders that were not finished at the ending date of the reporting period. Entries from these orders give a distorted image of the balance, due to partial posting (for instance, only the output was posted). In the report you can choose to include the work in progress:

- When not included: production orders that were **not finished** at the report ending date are **not included** in the report.
- When included: production orders that were **not finished** at the report ending date are **included** in the report. The work in progress is shown in separate lines with (sub)totals.

The basis for the alcohol balance report is the item ledger entry table. In the alcohol balance extension, the field *Finished Date* is added as a new field to this table. The field gets its value from the *Posting Date* in the status change on the production order. The report uses it to filter on item ledger entries:

- **Work in progress not included:**
 - *Finished Date/Ending Date*
- **Work in progress included:**
 - No filter



Integrations

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The Apteau Beverage Alcohol Balance extension, Drink-IT Edition, has been integrated with the following extension:

- [Apteau Quality Control \(BC\)](#).



Aptean Quality Control (BC)

Article • 8/27/2025 • 5 min read

When the Aptean Beverage Alcohol Balance extension, Drink-IT Edition, is used in conjunction with the Aptean [Quality Control \(BC\)](#) extension, you can track alcohol percentage as part of your quality control process, as follows:

- You can record the alcohol percentage by lot during goods receipt or production.
- Verify alcohol values with laboratory analysis.
- The system automatically updates lot records with results from quality control checks.

This ensures consistent and accurate lot information without duplicate entry.

For details about how to configure quality control questions, plans, and triggers, see [Set up quality control](#).

Configure item tracking for alcohol strength

Configure the **Strength ABV**, **Strength DPL**, and **Strength 3** field values on the **Item Tracking Code Card** page to define how alcohol strength is managed for each lot. You can select one of the following options:

- *Variable Strength*: The system updates the lot strength automatically based on quality control check results.
- *Fixed Strength*: The recorded lot strength remains unchanged after quality control check results.

Use the *Variable Strength* option when you expect the alcohol percentage to change after testing. Use the *Fixed Strength* option for products with a constant alcohol percentage.

Note

Before posting a quality control check, sufficient inventory must exist.

Configure the action code

The **Action Code** field value on the **Quality Control Questions** page determines which alcohol strength value is updated when a quality control check is posted. Select one of the following options:

- *Blank*: No update occurs.
- *Change Strength 1*: Updates strength 1 of the alcohol balance.
- *Change Strength 2*: Updates strength 2 of the alcohol balance.
- *Change Strength 3*: Updates strength 3 of the alcohol balance.



Alcohol strength can be managed in two different ways, depending on how it is configured on the **Item Tracking Code Card** page. The following scenarios describe the system behavior and the effect of the **Action Code** field value.

Important

If the quality control plan includes at least one strength-related action code, the **Per Lot** checkbox is selected on the **Quality Control Triggers** page. If the **Per Lot** checkbox is cleared, the system blocks saving and displays an error message.

Scenario 1: Variable alcohol strength

When you set one or more strength field values to *Variable Strength* on the **Item Tracking Code Card** page:

- The system checks the **Action Code** field value on the **Quality Control Question** page to define which specific strength value is updated.
- The system automatically updates the alcohol strength on the **Lot No. Information Card** page when you post a quality control check.
- The update is applied even if the quality control check result is *Fail*.

Note

Negative values are not allowed in strength-related quality control questions. If entered, the system displays an error and blocks posting.

Scenario 2: Fixed alcohol strength

When you set one or more strength field values to *Fixed Strength* on the **Item Tracking Code Card** page:

- The system does not change the alcohol strength on the **Lot No. Information Card** page, even if the quality control results differ from the recorded strength.
- The **Action Code** field value configured on the **Quality Control Question** page has no effect in this case, so the recorded lot value remains unchanged.
- You can still perform quality control checks for validation purposes.
- If a mismatch occurs, the **Result** field value on the **Quality Control Check** page displays *Fail*, but the alcohol strength values in the lot remain fixed.

This setup is intended for items where the alcohol percentage must remain constant.



 Note

You can reuse the same location code and document type on the **Quality Control Triggers** page to create and post multiple quality control checks.

Source document posting requirement

When a quality control check includes alcohol strength-related questions, the system verifies that the related source document line (for example, a purchase order) has been posted before allowing the quality control check to be posted.

If the source document line has not been posted, the quality control check posting is blocked, and the system displays this error message: *The Quality Check cannot be posted because it contains a strength-related question, but the source document line has not yet been posted. Please post the source document first to ensure item tracking information is available.*

Multiple sample handling

When a quality control check contains multiple sample lines for the same alcohol strength-related question:

- The system uses the first sample line with a valid numeric answer to update the alcohol strength of the lot.
- Additional sample lines are ignored for strength update purposes.
- No error or warning appears as long as one valid sample answer exists.

If the **Calculation Method** field value is specified on the **Quality Control Plan** page, the system evaluates all valid numeric sample answers for the alcohol strength question and updates the lot based on the selected method:

- *Average*: Calculates the average of all valid samples.
- *Lowest*: Selects the lowest valid sample.
- *Highest*: Selects the highest valid sample.
- *First*: Uses the first valid sample.
- *Last*: Uses the last valid sample.

This functionality works the same way when you have multiple lots assigned to the item on the item tracking lines, ensuring quality control checks are created for each lot individually.

