

Understanding Inventory Tracking with Manufacturer Lots

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This guide explains how to use inventory tracking with manufacturer lot numbers. It is intended for general users.

To increase accountability and traceability for inventoried line item codes (LICs), you can track them with manufacturer lot numbers. Lot tracking helps trace multiple units which all have a single ID. This is most useful for products where a problem found with a single item will likely affect all items in the batch (e.g. food items, medicine, vitamins / supplements, chemicals, etc). Lot tracking also helps you easily [review all inventory transactions](https://aace6.knowledgeowl.com/help/tracking-inventory-transactions-for-lot-tracked-and-serialized-items) (<https://aace6.knowledgeowl.com/help/tracking-inventory-transactions-for-lot-tracked-and-serialized-items>) for a batch of products.

Setting Lot Tracking

You must configure lot tracking for an LIC *before* you begin using that LIC. You should mark the needed flag when you first create the [line item code records](https://aace6.knowledgeowl.com/help/overview-of-line-item-codes) (<https://aace6.knowledgeowl.com/help/overview-of-line-item-codes>). This is because after you associate an LIC with other records (e.g. sales orders, GJ/GL entries, inventory transactions, etc), you *cannot* mark the lot tracking flag.

The flag to Track by Mfr Lot is located on different tabs for different LIC types:

- Inventoried Items – LIC detail view > Inventory Management tab > Inventory Setup section
- Inventoried Assembly Items – LIC detail view > Replenishment tab > Inventory Setup section

Lot tracked items often decrease in value over time (e.g. food items get old, chemicals lose effectiveness, etc). Because of this factor, when you mark the Track by Mfr Lot flag, aACE automatically marks the Item Info flag for Perishable goods. An expiration date will be required on the Lot Entry. If the Perishable flag is not relevant for the product, clear that flag.

Code: SAL-CAKE **Sallie's Cupcakes** **PENDING**

General Info

| | | |
|--------------|---------------|-------|
| Type | Est Unit Cost | Price |
| Food | 3.00 | 5.00 |
| Manufacturer | Mfr Part # | MSRP |
| | | 0.00 |

Unit Info

| | | | | | |
|--------|----------|---------------|------|---|---------------|
| Net Wt | Gross Wt | L | W | H | Est Ship Cost |
| | | 12 | 4 | 1 | 0.00 |
| SKU | MOQ | Sale Case Qty | UOM | | |
| | | | Each | | |

Inventory Balances **Options** **Custom Prices** **Vendors** **Inventory Management** **Photos**

Inventory Replenishment for Offices

| Office | On Hand | Available | Total | % of Target | Target | Replenish | Method | From |
|--------|---------|-----------|-------|-------------|--------|-----------|--------|------|
| > AI | 0 | 0 | 0 | | 50 | 10 | | |

Default Bins

| Office | Default Bin | Return Bin |
|--------|-------------|------------|
| > AI | C-AI | C-AI |

Inventory Replenishment for Independently Managed Bins

| Bin | On Hand | Available | Total | % of Target | Target | Replenish | Method | From |
|-----|---------|-----------|-------|-------------|--------|-----------|--------|------|
| | 0 | 0 | 0 | | | | | |

Inventory Setup

Cycle: Next Serial: Serialized

Track by Mfr Lot Discontinued

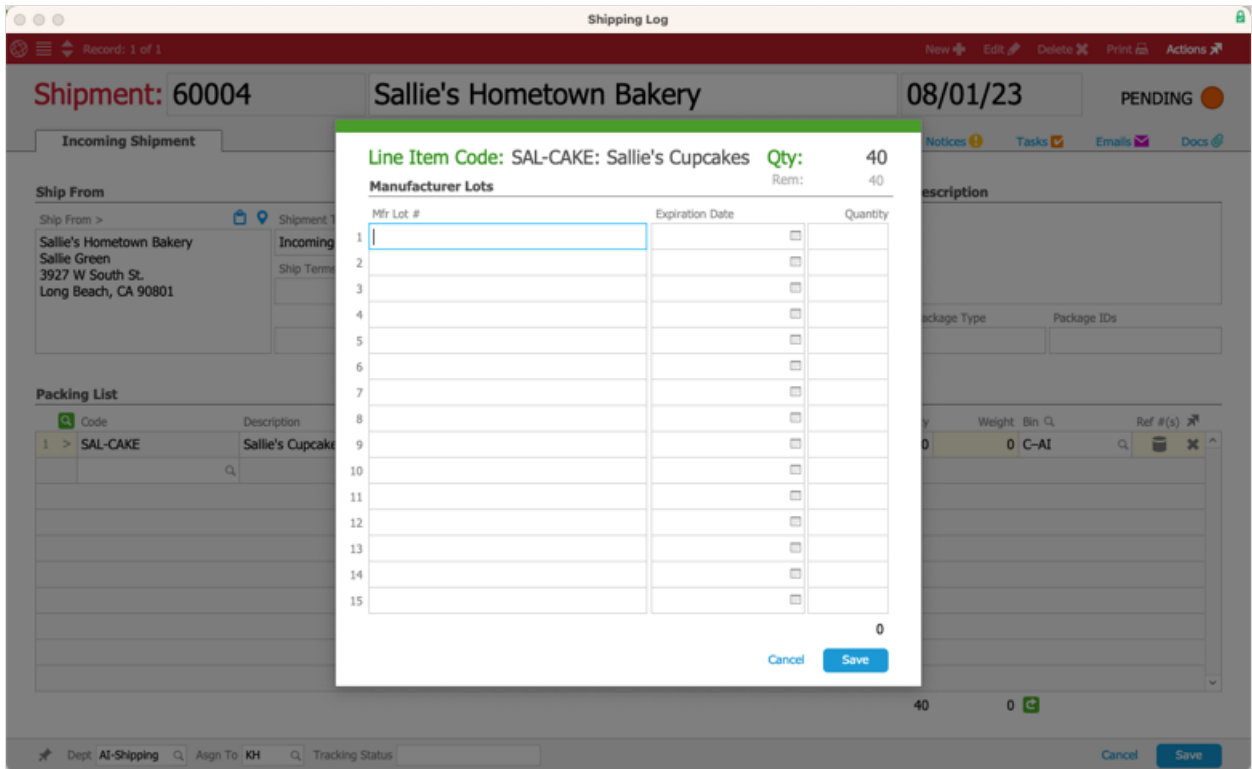
Perishable Drop Ship


Special Order

Cancel Save

Receiving Lot-Tracked Inventory


When you receive a shipment that includes items marked as Track by Mfr Lot, the shipment record's Packing List section displays the lot tracking Ref #s icon (🗄) for each lot-tracked item. To receive the shipment, you must enter manufacturer lot numbers (as well as expiration dates for any items flagged as Perishable). Click the Ref #s icon to display the Mfr Lot Entry dialog.



At this dialog, enter the needed lots, each with varying expiration dates and quantities. After you save the lot info, aACE highlights the Ref #s icon (). Proceed with receiving the shipment normally.

Tracking Inventory Lots

For lot-tracked products, the [Inventory Lots](https://aace6.knowledgeowl.com/help/working-with-inventory-transactions-inventory-lots-and-inventory-usage) module also shows the Track by Mfr Lot flag. The list view of this module displays the reference numbers. This enables you to search lots by the manufacturer lot numbers.

The detail view of the inventory lot provides more information. Lot numbers are listed in the Reference #s field and the Ref #s icon is highlighted (). Click the icon to display a popup with details about each lot's expiration dates, quantities received, and current quantities in stock.

Inventory Lot: 60001 | SAL-CAKE OPEN

Purchase Inventory Lot

General Info

| Transaction ID > | Date | Office > | Code > | Code Description | Reference #(s) |
|------------------|----------|----------|----------|-------------------|-----------------------|
| PO-60005 | 08/01/23 | AI | SAL-CAKE | Sallie's Cupcakes | 583924-378,273384-009 |

Ordered / Purchased

| | Quantity | Each | Value |
|---------------------|----------|------|--------|
| Ordered | 40 | 3.00 | 120.00 |
| Purchased | 0 | 3.00 | 0.00 |
| Purchased Remaining | 40 | | 120.00 |

Ordered / Received

| | Quantity | Value |
|--------------------|----------|--------|
| Ordered | 40 | 120.00 |
| Received | 40 | 120.00 |
| Received Remaining | 0 | 0.00 |

Accrued Inventory

| | Quantity | Value |
|-------------------|----------|--------|
| Received | 40 | 120.00 |
| Purchased | 0 | 0.00 |
| Accrued Inventory | 40 | 120.00 |

Current Inventory

| | Quantity | Value |
|-------------------|----------|--------|
| Received | 40 | 120.00 |
| Used | 0 | 0.00 |
| Current Inventory | 40 | 120.00 |

Inventory COGS

Note: The Est Unit Cost is used until the Act Unit Cost is final (i.e. the related PO is closed).

| Usage ID | Trans ID | Trans Date | Reference #(s) | Mfr Lot Reference # | Quantity | Est Unit Cost | Total Cost |
|----------|----------|------------|----------------|---------------------|----------|---------------|------------|
| | | | | | Used | 0 | 0.00 |

Shipping Lot-Tracked Inventory

When you ship lot-tracked items for an order, the Shipping Log's Packing List section again displays the Ref #s icon (🗑️). You can edit the shipment and save changes; however, you must specify a Mfr Lot # and Quantity for the shipment to be marked as shipped.

Shipping Log - 2

Shipment: 60005 M. S. Carpenter Elementary School 8/1/2023 PENDING

Outgoing Shipment

Ship To: M. S. Carpenter Elementary School, Jeffrey Morrison, 382 E. Wrangler Ave., Montboro, CO 80508

Line Item Code: SAL-CAKE: Sallie's Cupcakes Qty: 10

Manufacturer Lots

| Mfr Lot # | Quantity | Expiration Date |
|-------------------|----------|-----------------|
| 1 | | |
| 2 273384-009 (30) | 30 | |
| 3 583924-378 (10) | 10 | |
| 4 | | |
| 5 | | |
| 6 | | |
| 7 | | |
| 8 | | |
| 9 | | |
| 10 | | |
| 11 | | |
| 12 | | |
| 13 | | |
| 14 | | |
| 15 | | |

Packing List

| Code | Description |
|--------------|------------------|
| 1 > SAL-CAKE | Sallie's Cupcake |

Handling Returns for Lot-Tracked Inventory

Beyond the regular steps for making inventory adjustments for returned product, [adjustments for lot-tracked items](https://aace6.knowledgeowl.com/help/handling-returns-and-inventory-adjustments-for-lot-tracked-and-serialized-items) (https://aace6.knowledgeowl.com/help/handling-returns-and-inventory-adjustments-for-lot-tracked-and-serialized-items) require additional details.
