



# Lot Strength

Smart adjustments for every lot's actual potency, ensuring accurate material quantities for production every time

## Key Features Include

- Automatically calculates material issue quantity based on actual lot strength.
- System-suggested material quantities prevent under- or overdosing.
- Supports multi-lot selection with automatic quantity split.
- Handles insufficient lot quantities with auto-calculation across additional lots.
- Editable lot strength in formulas for R&D and product development, ensuring formulation accuracy.
- Attribute-driven strength tracking with real-time adjustment in production.
- Easy setup: define, link, and capture strength per lot during purchase receipt.

- Real-time lot strength adjustments during material issue.

## Why Lot Strength?

- Maintains consistent product quality despite variability in raw material potency.
- Eliminates manual adjustments and reduces the risk of errors due to raw material strength fluctuations.
- Optimizes material usage by preventing over- or under-consumption.
- Improves cost efficiency by using only the required material quantity based on the actual lot strength.

Lot strength capability is developed for manufacturers to ensure consistency in lots, considering the concentration and effectiveness of a raw material within a lot. In industries like food & beverage, pharmaceuticals, and chemicals, even slight differences in concentration can impact product consistency and compliance. Potency variations caused by factors such as seasonality, supplier inconsistencies, or raw material composition can lead to inconsistencies in formulations and quality. With eWorkplace Apps' Lot Strength, manufacturers can confidently manage these variations. The system automatically adjusts material quantities during production based on each lot's actual strength, eliminating manual guesswork, ensuring product integrity, and minimizing waste.