



# Destructive Sampling

Elevate product integrity through controlled sample destruction.

The destructive testing quality control (QC) process is developed for manufacturing companies, where a sample is intentionally altered, damaged, or consumed to evaluate one or more characteristics of the product. The samples used in the testing process cannot be reused or returned to production or stock because the testing changes or destroys the physical or chemical properties of the sample. For instance, performing a chemical test on a capsule sample alters its chemical composition, making it unsuitable for use. The eWorkplace Apps Quality Management Suite helps to perform these tests effectively, along with disposing of the samples systematically using Destructive Sampling.

## Key Features Include

- Set up a warehouse/location to track and transfer the destroyed material.
- Automate inventory handling by selecting between inventory adjustment or inventory transfer to deduct or move destructive samples seamlessly during QC posting.
- Mark individual tests as destructive tests while creating a QC Test and mapping it with the QC Plan.
- Define destructive sample size and its Unit of Measurement (UoM) for each test.
- Flexibility to override the destructive testing details of each test at the final QC Plan setup stage.
- Automatically calculate the destructive sample quantities during QC testing.
- Maintain accurate inventory records with real-time updates that reflect both accepting and destructive quantities.

## Why Destructive Sampling?

- Standardize destructive tests to maintain batch consistency across every lot.
- Track and deduct sample quantities used during destructive testing for accurate inventory availability.
- Ensure the product meets potency, quality, and safety standards.
- Identify early defects in formulation or process, allowing for timely corrections.