

CLEANING WITH CHEMATIC



DOBER

CLEANING CURCUMIN

A global manufacturer of curcumin-based nutraceuticals sought to improve its manufacturing cleaning processes. Its large **Munson mixer proved difficult to clean**. The incumbent cleaning agent did not clean the curcumin product, resulting in the need to re-clean the large unit multiple times to achieve desired state. This cleaning process took up to **two shifts (16 hours) to complete**.

The mixer had a CIP system. However, since the cleaning agent was not effective at cleaning the curcumin, it was not used. Instead, the operators cleaned the unit manually.

This plant was at capacity and they wanted to reduce cleaning time without sacrificing quality or safety.

DOBER'S APPROACH

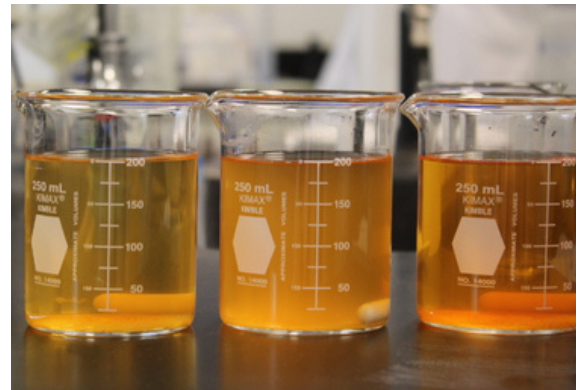
Dober's [Custom Cleaning Evaluation process](#) replicates the soil load and performs evaluations to identify not only the proper detergent but also the proper cleaning process. Curcumin can be a challenging clean, but **Dober's Chematic 722** offered the most effective and robust cleaning agent for curcumin.

Cleaning with **Chematic 722 has cut cleaning time down to 2-3 hours**. Additional benefits are:

- Increased production capacity = more revenue potential for the site
- Made the Clean-in-Place (CIP) system effective
- Almost eliminated manual cleaning
- Improved safety by reducing operator chemical exposure time



SOIL LOAD REPLICATED



DETERGENT DISSOLUTION STUDIES



SUCCESSFUL CLEANING

To See **Dober's Chematic 722** Clean Curcumin, click [here for a video](#).

