

Particle Size Distribution Evaluation during Manufacturing Processes of Fragrances and Cosmetics

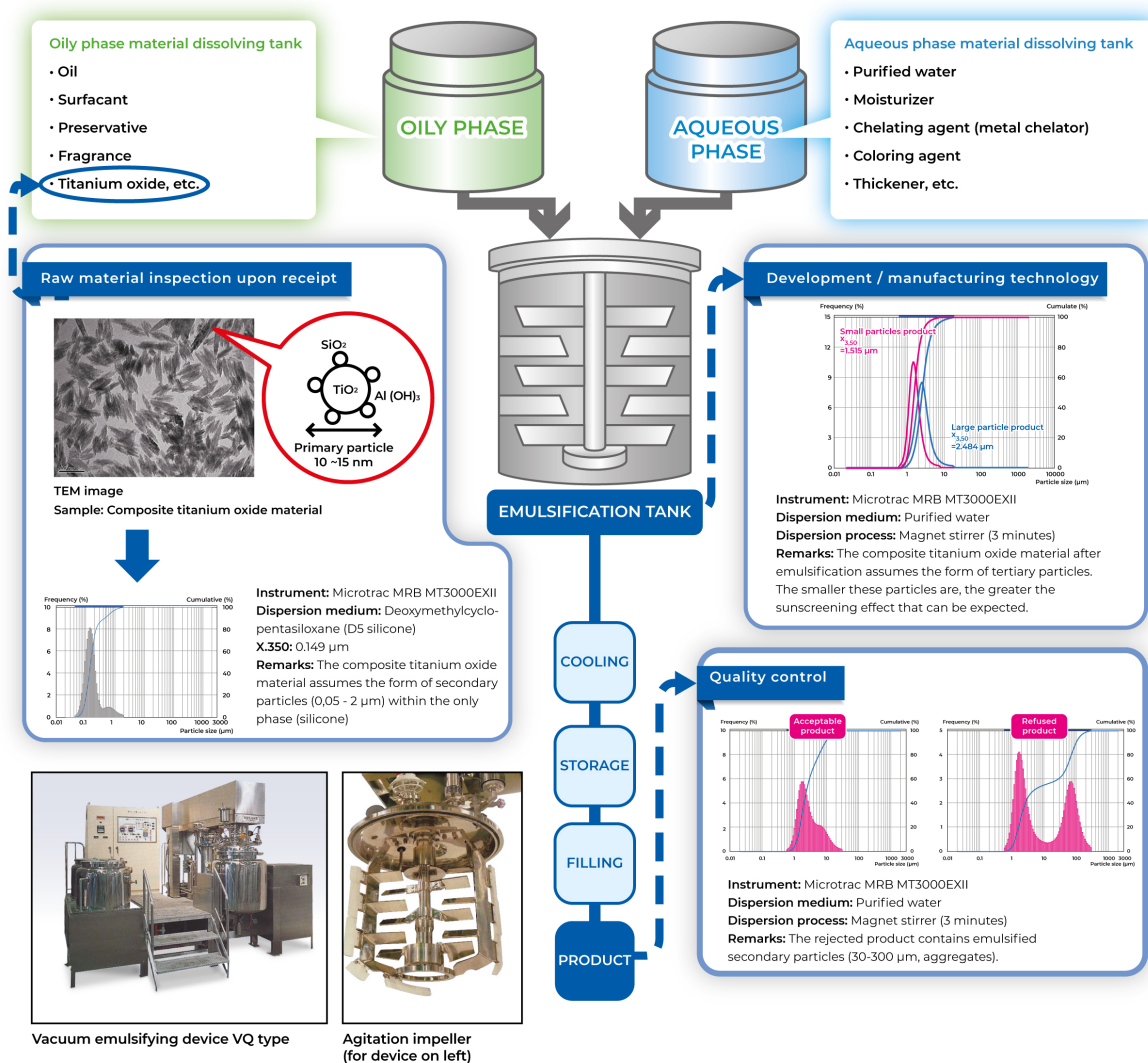
UV Lotion Particle Size Distribution Measurement with Microtrac

Overview

Many fragrances and cosmetics are emulsified products whose oily-aqueous phases (liquid-liquid system) have usually been homogenized with surfactants. Because fragrances and cosmetics have high added value and the amount of their production varies from season to season (multi-variety variable production), batch production processes are often adopted for their production.

The manufacturing processes and an example of particle size distribution measurement during each manufacturing process of UV lotion (containing titanium oxide as a UV scattering agent for sunscreening purpose) are presented below.

Flow Diagram of Vacuum Emulsifier & Example of Partiparticle Size Distribution Measurement



Data source: Yuskin Pharmaceutical Co., Ltd., Mizuho Industrial Co., Ltd.

For further information please contact us at:

www.microtrac.com