



Micron Technologies, Inc.



Corporate Description

Micron Technologies, a subsidiary of Colorcon Inc., offers contract particle size reduction and analytical services exclusively for the pharmaceutical industry. Particle size reduction by micronization or mechanical milling continues to be the preferred choice for increasing the dissolution rate of poorly soluble drugs, improving the content uniformity of oral solid and liquid dosage forms, and enhancing the performance of inhalation pharmaceutical products. Micron Technologies is committed to being the industry's Provider of Choice by offering the highest level of service and technical expertise along with the finest facilities.

Technical Services

Micron has the capability to process gram to ton quantities of APIs with high product yields. Processing takes place in segregated independent processing suites which are climate-controlled. Available equipment includes jet mills, loop mills, pin mills, hammer mills, co-mills and opposed jet classifier mills. This equipment can also be used inside custom designed containment areas to allow for the processing of highly potent compounds (OEL under 1 microgram).

Micron's analytical laboratory provides extensive material characterization testing including particle size analysis by laser-diffraction, DSC, DVS, TGA, BET surface area analysis, X-ray

powder diffraction and scanning electron microscopy (SEM). Additional services include method development, method validation, release testing and stability testing along with expertise in traditional techniques such as HPLC, GC, dissolution, etc. Micron's analytical services are offered independent of milling services.

Facilities

With two modern, directly compatible facilities in the United States and United Kingdom, Micron Technologies provides a truly global capability. Both facilities have been inspected by the FDA, EMEA or MHRA and PMDA Japan. As of mid 2010, Micron's new facility in Malvern, PA, USA, has become fully operational. This new site will further increase Micron's global capacity for micronization and milling services along with providing customers with a state of the art material characterization laboratory to complement our particle size reduction services.



**Micron
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