

New SPI Pharma Precious Gem Collection

Mannogem[®] XL Ruby

Directly Compressible 300 µm Granular Mannitol

Ruby is the latest innovation in granular mannitol from SPI Pharma. Compared to traditional 300 µm granular products, Ruby exhibits superior tableability and overall performance, translating to simpler formulation processes, accelerated development timelines and greater manufacturing efficiency for pharmaceutical formulators.

Ruby addresses many common challenges of formulating with mannitol and is ideal for use with pressure-sensitive, taste-masked APIs. With Ruby, formulators are able to enhance the efficiency of their manufacturing operations and the performance of their products to get sophisticated and innovative medicines to the patients who need them.

Features & Benefits

- Provides excellent tableability over traditional 300 µm granular mannitol and other common excipients
- Matches specific particle size and density constraints to minimize segregation
- Ideal for use in formulations with larger, coated (taste-masked) APIs
- Exhibits exceptional flow, disintegration and compression properties due to larger particle size
- Enables a softer texture for the formulation of chewable tablets

Optimal Dosage Forms

- Chewable Tablets and Soft-Chews
- Multiple Unit Particle Systems (MUPS)
- Orally-Disintegrating Tablets (ODTs)
 - Controlled-Release ODTs
 - ODTs with Taste-Masked APIs
- Oral Solid Dose (OSD) Tablets



Ruby | Powered by Mannogem® XL Technology

Ruby is part of SPI Pharma’s Mannogem XL suite of highly compressible, self-disintegrating engineered mannitol excipients.

Mannogem XL is a proprietary technology from SPI Pharma engineered to overcome mannitol’s poor compactability properties, producing multifunctional, compendial grades of mannitol with superior binding properties, rapid disintegration, greater compressibility and tight particle size ranges.

Ruby combines the quality, productivity and patient-centric properties of granular mannitol with the added benefits of SPI Pharma’s XL technology, including:

Quality & Productivity	Patient Value
Superior Performance & Tableability	Compliance & Administration
Enhanced Manufacturing Efficiency	Expanded Formulation Opportunities
Formulation Simplification & Consistency	Greater Therapeutic Value

Improve your manufacturing operations, product performance and the patient experience with SPI Pharma’s high-performing granular mannitol. Start formulating with Ruby today!

Browse our full Precious Gem Collection of mannitol excipients at www.spipharma.com

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