

Excellatab™ RDT

Rapid Dissolve Tablet Base For Direct Compression

With Bitter-Bloc™ Technology

Excellatab™ RDT is a “Rapidly Dissolving Tablet” Base formulated with our proprietary Bitter-Bloc Technology, specifically to be used as a versatile base for compounding, rapidly dissolving tablets by direct compression. Depending on tablet size and compression load, Excellatab™ RDT typically dissolves orally in less than 20 seconds (based on a 0.5g, 10mm diameter placebo tablet).

Excellatab™ RDT was formulated to handle both high and small API loads. This formula has excellent flow properties, is highly resistant to sticking to punches and requires relatively low compression forces. Manufacturing tablets at reduced compression forces is both easier on equipment and a reduction on tablet component stress. For use in both human and veterinary tablet applications. Recommended API load ≤25% with maintaining ≥75% excipients total (includes additional powder flavors, sweeteners, etc.) Excellatab™ RDT is pre-sweetened, sugar-free, and formulated as an all-in-one rapid dissolve tableting excipient that is press-ready, saving the compounder time, extra steps, and costs.

Benefits:

- Rapidly Dissolves in seconds
- Sweet Taste, Sugar-Free
- Pharma Grade GRAS Status Ingredients
- Fortified with Bitter-Bloc Technology
- Excellent Flow Characteristics
- Excellent Compactability
- Enhanced Lubrication Efficiency
- Improved Blending Properties
- Requires Reduced Compression Force
- Increased Production Capacity
- Extended Beyond-Use Dating (BUD) Per USP <795>

Formulated Without:

- Lactose
- Xylitol
- Gluten
- Casein
- Soy
- Tree Nuts
- Dyes
- Sugar
- Sodium Lauryl Sulfate (SLS)

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Available Sizes:

SKU	Size
B0219-50	500g
B0219-62	2Kg
B0219-65	5 Kg
B0219-70	10 Kg
B0219-73	20 Kg

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Technical Data Sheet

CATEGORY	A rapidly disintegrating tablet formula containing specifically sourced ingredients formulated specifically for direct compression. This base is pre-sweetened yet sugar-free with the added benefit of our proprietary bitterness blocking (Bitter-Bloc™) technology.
INGREDIENTS	Proprietary pharmaceutical grade GRAS excipients. Contains sorbitol and Bitter-Bloc™.
ALLERGY	Per the 2004 Food Allergen Labeling and Consumer Protection Act, no allergen declarations are required for this product as relating to milk, egg, tree nut, fish, crustacean shellfish, peanuts, and soybeans. Vegan compliant. Although potential corn allergen content is not tested and highly unlikely to be present, or present in a quantity with potential for a allergic symptoms, this product does contain highly refined ingredients derived from corn as the starting material.
TECHNICAL DATA	Description: White to off white free-flowing powder Shelf Life: 2 years from date of manufacture when stored in its original, unopened container. Bulk Density, at 25°C approx. 0.5725 g/cm ³ . Recommended API load ≤25% with maintaining ≥75% excipients total (includes additional powder flavors, sweeteners, etc.) Compression tonnage and tablet diameter should be compounded to desired specifications.
SAFETY DATA	All ingredients classified as “Generally Recognized As Safe” (GRAS) and inactive excipient ingredients by the US FDA. For information on the toxicology and safety of this product, please consult the material safety data sheet (MSDS).
HANDLING AND STORAGE	Comment: Due to some fine particles, this product is liable to become compacted. To avoid conglomeration, product should not exceed temperatures beyond 50°C (122°F). Storage Conditions: Product can be stored at ambient conditions for temperature, pressure, and humidity. Product should be kept in a tightly sealed container, under cool and dry conditions.
COMMENTS	This information reflects US requirements for ingredients and allergy declarations. SpecializedRx makes no warranties or claims to the accuracy or completeness of the above information given the variations in use and formulations.