

DILUCAP PSD

Excipient for hard-shell capsules



DiluCap PSD is a ready-to-use excipient specially developed for capsule formulations containing poorly soluble APIs in BCS Class II and IV. It favors disintegration and dissolution by improving solubility in the gastric medium and permeability across the gastrointestinal barrier. Physiologically inert and free from common allergens like lactose, gluten, and soy, it delivers proven, reproducible functionality batch after batch.

HIGHLIGHTS

- **Targets BCS Class II & IV APIs** — Specially formulated to improve solubility and permeability for poorly water-soluble active ingredients.
- **Prevents Particle Segregation** — Helps avoid separation between particles, preserving formulation uniformity.
- **Preserves API Stability** — Supports the stability of the active pharmaceutical ingredient throughout the compounding process.
- **Excellent Flow Properties** — Offers better handling of different powders for a smoother, more efficient compounding process.
- **Streamlines Inventory & Process Time** — Reduces process time and the number of items needed in stock by serving as a single, versatile excipient.

SAMPLE FORMULAS

- FA-24466** – Naltrexone HCl 0.5 mg Capsules (#3)(DiluCap PSD)
FA-24175 – Estradiol 1 mg - Progesterone 100 mg Capsules (#1)(DiluCap PSD)
FA-24096 – Sirolimus 3mg Capsule (#1)(DiluCap PSD)
FA-23156 – Levothyroxine Sodium 1mcg/mg (1:1000) Dilution (DiluCap PSD)



Dose Accuracy

Adequate particle distribution helps ensure consistent dosing among capsules.



Proven, Reproducible Functionality

Delivers consistent, high-performance results with reproducibility in every batch.



Allergen-Free

Physiologically inert and free from common allergens such as lactose, gluten, and soy.

ORDERING

697760 – 1 kg
 823519 – 15 kg