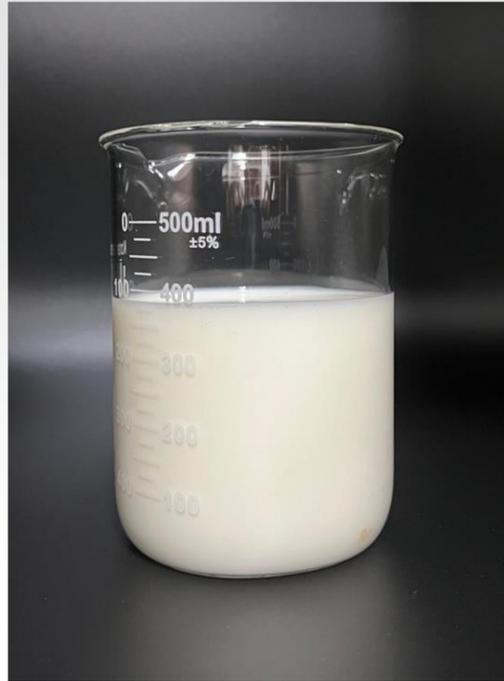


Challenging Drug Substances



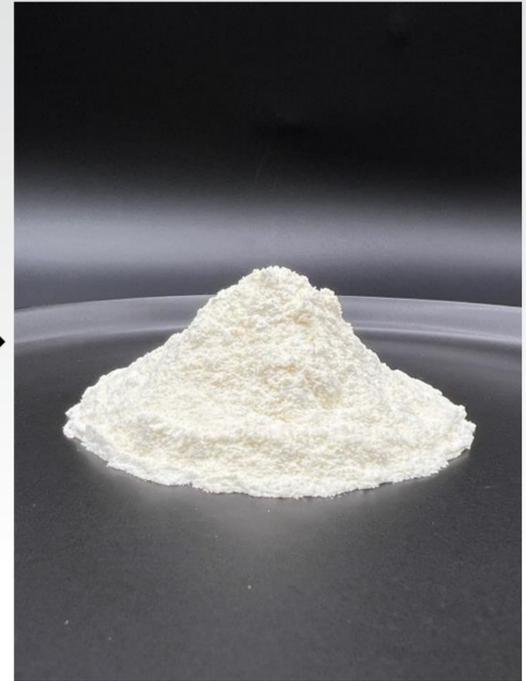
Drug Substance

- BCS Class II
- Lipophilic
- Highly cohesive



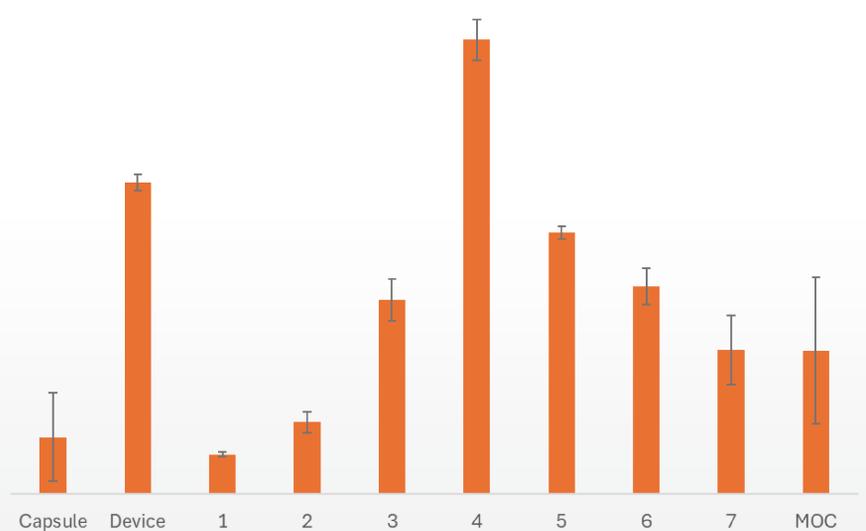
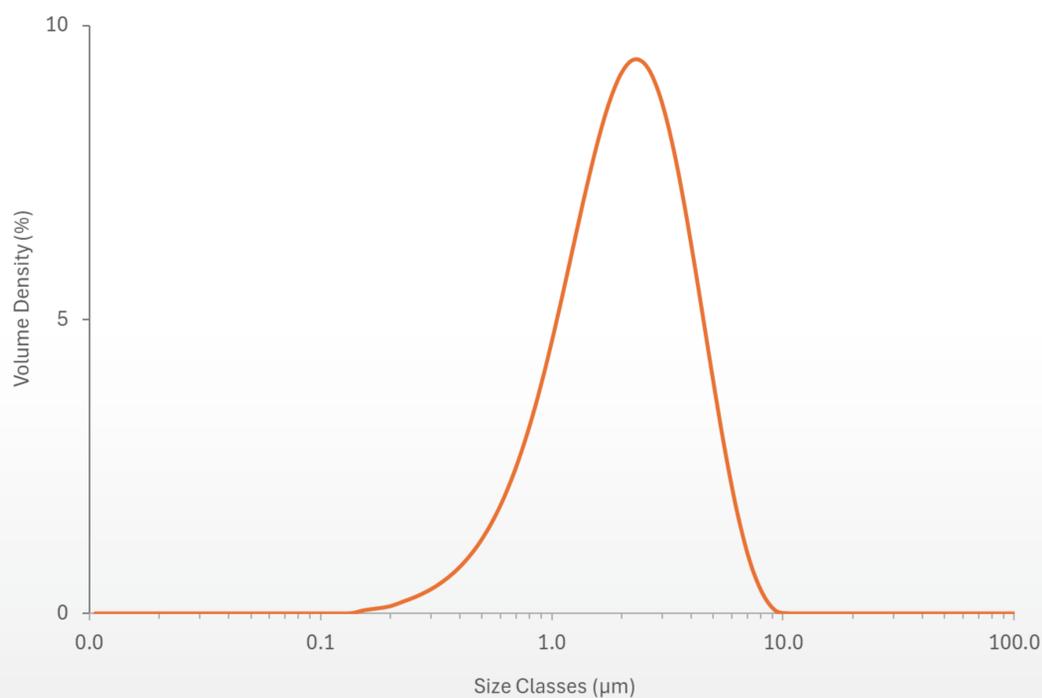
Feedstock for SD

- Aqueous suspension
- 20 % target API load



Spray Dried Powder

- 20.13 % API
- D50 = 2.08 μm
- Excellent handling
- Carr index = 18



Dx(10) (μm)	Dx(50) (μm)	Dx(90) (μm)
0.807	2.08	4.38

MMAD (μm)	GSD
1.96 \pm 0.26	2.46 \pm 0.17