

Thiamine Mononitrate 98% DC

Product Characteristics

Appearance	White free-flowing granular powder
Country of origin	China
Manufacturer	Huazhong Pharmaceutical Co Ltd

Physical Profile

Specification

Identification	Meets reference
Assay (Thiamine HCl - dry basis)	96.0 – 99.0%
Loss on drying	≤ 1.0%
Particle analysis	100% through 10 mesh ≥ 95% through 14 mesh ≤ 30% through 100 mesh
Bulk density	≥ 0.50 g/ml
Tapped density	≥ 0.60 g/ml
pH value	6.5 – 7.5
Chloride	< 0.06%
Residue on ignition	≤ 0.2%
Heavy metals	≤ 20 ppm

Microbiological Profile

Total aerobic plate count	≤ 3000 CFU/g
Yeast and mold	≤ 300 CFU/g
Coliforms	≤ 1 CFU/g
Salmonella	Negative
E. Coli	Negative

Storage

Store in tight containers, protected from light, moisture and heat.