

## Thiamine Hydrochloride 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	≤ 5.0%
Particle analysis	100% through 18 mesh ≥ 85% through 20 mesh ≤ 30% through 200 mesh
Bulk density	≥ 0.50 g/ml
Tapped density	≥ 0.60 g/ml
pH value	2.7 – 3.4
Nitrate	No browning
Sulphates	≤ 0.011%
Residue on ignition	≤ 0.2%
Heavy metals	≤ 20 ppm
Residual solvents	Meets USP

### Microbiological Profile

Total aerobic plate count	≤ 1000 CFU/g
Yeast and mold	≤ 100 CFU/g
Coliforms	≤ 1 CFU/g
Salmonella	Negative
E. Coli	Negative

### Storage

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