

Thiamine Mononitrate USP Powder

Product Characteristics

Appearance	White crystalline powder
Country of origin	China

Profile	Method	Specification
Identification A, B, C, D	USP	Meets USP
pH value	USP	6.0 – 7.5
Loss on drying	USP	≤ 1.0%
Residue on ignition	USP	≤ 0.1%
Chloride	USP	≤ 0.06%
Related compounds	USP	≤ 1.0%
Residual solvents	USP	Meets USP
Assay	USP	98.0 – 102.0%
Lead	AAS	≤ 0.5 ppm
Cadmium	AAS	≤ 1 ppm
Arsenic	AAS	≤ 1 ppm
Mercury	AAS	≤ 0.1 ppm
Total aerobic plate count	CP	≤ 100 CFU/g
Yeast and mold	CP	≤ 10 CFU/g
S. Aureus	CP	Negative
Salmonella	CP	Negative
E. Coli	CP	Negative

Storage

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

Revision: 12/22/17