

## Thiamine Hydrochloride USP Powder

### Product Characteristics

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Appearance	White crystalline powder
Country of origin	China

Profile	Method	Specification
Identification A & B	USP	Meets USP
pH value	USP	2.7 – 3.4
Water	USP	≤ 5.0%
Residue on ignition	USP	≤ 0.1%
Absorbance of solution	USP	≤ 0.025
Limit of nitrate	USP	Meets USP
Related compounds	USP	≤ 1.0%
Residual solvents	USP	Meets USP
Assay	USP	98.0 – 102.0%
Lead	AAS	≤ 0.5 ppm
Cadmium	AAS	≤ 1.0 ppm
Arsenic	AAS	≤ 1.0 ppm
Mercury	AAS	≤ 0.1 ppm
Total aerobic plate count	CP	≤ 100 CFU/g
Yeast and mold	CP	≤ 10 CFU/g
Staphylococcus Aureus	CP	Negative
Salmonella	CP	Negative
E. Coli	CP	Negative

### Storage

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

Revision: 12/22/17