



Specification

Pyridoxine HCl USP/BP

Catalog Number: PD1002
CAS Number: 58-56-0
Synonym(s): Adermine HCl, PN HCl, Pyridoxol HCl, Vitamin B₆hydrochloride
Molecular Formula: C₈H₁₁NO₃•HCl
Molecular Weight: 205.64
Storage: 15°C – 30°C
Retest Period: Three years from date of manufacture

Test	Specification
Appearance	White to off-white crystalline powder
Assay (Dry Basis)	98.0% - 102.0%
Clarity of Solution	Clear
Identification	Positive
Melting point	205°C to 209°C
pH	2.4 -3.0
Moisture (LOD)	≤ 0.50%
Residue on Ignition	≤ 0.10%
Chloride	16.9% to 17.6%
Heavy Metal	≤ 10 ppm
Arsenic	≤ 1.00 ppm
Cadmium	≤ 1.00 ppm
Lead	≤ 2.00 ppm
Mercury	≤ 1.00 ppm
Related Substances	
Impurity B	≤ 0.15%
Unspecified Impurities	≤ 0.10%
Total Impurities	≤ 0.20%
Total Plate Count	≤ 1,000 cfu/g
Yeast & Mold	≤ 100 cfu/g
E. Coli	Negative
Salmonella	Negative
Staphylococcus Aureus	Negative
Mesh Size	Report
Bulk Density	Report
Tap Density	Report

Approved:

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