

Product Specification

Product Name:	L-Histidine, hydrochloride,
Grade:	USP
Product Code:	HB0330
Formula:	$C_6H_9N_3O_2 \cdot HCl$
MW:	191.62
CAS#:	645-35-2

Test Items	Specifications
Appearance	White crystalline powder
pH	3.5 - 4.5
Specific Rotation (on dried basis)	+8.9° - +9.5°
Loss on Drying	≤0.2%
Heavy Metals	≤10ppm
Residue on ignition	≤0.1%
Chloride	16.66% - 17.08%
Sulfate	≤0.02%
Arsenic	≤1ppm
Ammonium	≤0.02%
Iron	≤10ppm
State of solution	Clear, colorless
Other Amino acid	Passes
Assay	99.0% - 101.0%
Recommended Retest Period:	2 Years

Storage Condition: 18 – 25°C, Protect from moisture.

Rev 0

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