



CERTIFICATE OF ANALYSIS

Product	L-Histidine, hydrochloride,
Grade	High Purity
Product Code	HB0330
Formula	$C_6H_9N_3O_2 \cdot HCl$
MW	191.62
CAS#	645-35-2
Lot No	

Test Items	Specifications	Results
Appearance	White crystalline powder	
pH	3.5 ~ 4.5	
Specific Rotation (dried)	+8.9°~+9.5°	
Loss on Drying	≤0.2%	
Heavy Metals	≤10ppm	
Residue on Ignition	≤0.1%	
Chloride (as Cl)	16.66%-17.08%	
Sulfate (as SO ₄)	≤0.02%	
Arsenic (as As)	≤1ppm	
Ammonium (as NH ₄)	≤0.02%	
Iron	≤10ppm	
State of solution	Clear, colorless	
Other Amino-acid	Pass	
Assay	99.0%-101.0%	

Storage: Store at room temperature. Protect from moisture.