



# Specification for L-Histidine Monohydrochloride, Monohydrate (HI125)

Item Number	HI125
Item	L-Histidine Monohydrochloride, Monohydrate
CAS Number	5934-29-2
Molecular Formula	$C_6H_9N_3O_2 \cdot HCl \cdot H_2O$
Molecular Weight	209.63
MDL Number	
Synonyms	L-?-Amino-4(or 5)-imidazolepropionic Acid Monohydrochloride ; L-Histidine Hydrochloride

Test	Specification	
	Min	Max
ASSAY (DRIED BASIS)	98.5 - 101.5 %	
SPECIFIC ROTATION, $[\alpha]_{D25}^{\circ}C$	+9.2° to +10.6°	
LOSS ON DRYING	7.2	10.0 %
ARSENIC (As)		0.00015 %
HEAVY METALS (as Pb)		0.001 %
RESIDUE ON IGNITION		0.1 %

### *Spectrum Chemical Mfg Corp*

---

<b>Corporate Headquarters:</b>	<b>West Coast Facility:</b>
769 Jersey Ave.	14422 S. San Pedro St.
New Brunswick, NJ 08901	Gardena, CA 90248
732.214.1300	310.516.8000