



CERTIFICATE OF ANALYSIS

L-HISTIDINE

CAS Number 71-00-1
Molecular Formula $C_6H_9N_3O_2$
Molecular Weight 155.15

TEST	SPECIFICATION
ASSAY ($C_6H_9N_3O_2$; DRIED BASIS)	98.5 - 101.5 %
SPECIFIC ROTATION [α] _D	+12.6 TO+14.0
pH OF A 1 IN 50 SOLUTION	7.0 - 8.5
CHROMATOGRAPHIC PURITY	--TO PASS TEST
LOSS ON DRYING	-- 0.2 %
RESIDUE ON IGNITION	-- 0.4 %
CHLORIDE (Cl)	-- 0.05 %
SULFATE	-- 0.03 %
IRON (Fe)	-- 0.003 %
HEAVY METALS	-- 0.0015 %
IDENTIFICATION	--TO PASS TEST
RESIDUAL SOLVENTS	--TO PASS TEST