

PRODUCT SPECIFICATION

Printed: 2/10/2014

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Catalog : H1021

L-Histidine, USP

CAS# : 71-00-1

Formula : C₆H₉N₃O₂

Formula Weight : 155.15

Test	Limit	
	Min.	Max.
ASSAY (C ₆ H ₉ N ₃ O ₂ ;DRIEDBASIS)	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	
RETEST DATE		