

Item Number	H1021
Item	L-Histidine, USP
CAS Number	71-00-1
Molecular Formula	C ₆ H ₉ N ₃ O ₂
Molecular Weight	155.15
MDL Number	
Synonyms	L-2-Amino-3-(1H-imidazol-4-yl)propionic Acid ; L-?-Amino-4(or 5)-imidazolepropionic Acid

Test	Specification	
	Min	Max
APPEARANCE		
ASSAY (DRIED BASIS)	98.5	101.5 %
SPECIFIC ROTATION	+12.6° to +14.0°	
pH OF A 1 IN 50 SOLUTION	7.0	8.5
LOSS ON DRYING		0.2 %
RELATED COMPOUNDS:	.	
INDIVIDUAL IMPURITY		0.5 %
TOTAL IMPURITIES		2.0 %
RESIDUE ON IGNITION		0.4 %
CHLORIDE (Cl)		0.05 %
SULFATE		0.03 %
IRON (Fe)		30 ppm
ELEMENTAL IMPURITIES	AS REPORTED	
IDENTIFICATION (FTIR)	SPECTRUM MATCHES REFERENCE	
CERTIFIED HALAL		
EXPIRATION DATE		
DATE OF MANUFACTURE		
MONOGRAPH EDITION		
RESIDUAL SOLVENTS	AS REPORTED	

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