

CERTIFICATE OF ANALYSIS

PRODUCT NAME: L-Histidine, 99%

ITEM NUMBER: H108260
BRAND: Aladdin
CAS NUMBER: 71-00-1
MDL NUMBER: MFCD00064315
FORMULA: C₆H₉N₃O₂
MOLECULAR WEIGHT: 155.15

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Appearance	White to Off-White Powder		
Carbon	45.9 %	47.4 %	47.4 %
Infrared spectrum	Conforms to Structure		
Nitrogen	26.8 %	27.3 %	27.3 %
Purity(HPLC)	99 %	100 %	100 %
Solubility in 0.5M HCl	Colorless,Clear at 50 mg/ml		
Specific rotation [α] ₂₀ /D(C=11, 6mol/L HCl)	+12 °	+4 °	+14 °