

CERTIFICATE OF ANALYSIS

PRODUCT NAME: L-HISTIDINE
 CAS NO.: 71-00-1
 BATCH NO.: 18/MFM/2239
 Molecular Weight: 155.16
 EXPIRY DATE: January 2024
 STORAGE TEMPERATURE: + 20 Deg C

For and on behalf of
 FORMEDIUM Ltd, Unit 1B
 Hunstanton Commercial Park
 PE36 5JQ, England

 (Authorised Signature)

TESTS	SPECS	RESULTS
Assay (dried basis)	> 99.0% - 101.0%	99.8%
Appearance	White crystalline powder	Conforms
Solubility (5% in water)	Clear, colourless solution	Conforms
pH (2% in water)	7.0 – 8.5	7.7
Specific rotation	+11.4° to +12.4°	+12.0°
Ammonium (NH4)	<= 0.2%	Conforms
Chloride (Cl)	< = 0.02%	Conforms
Sulphate (SO4)	<= 0.02%	Conforms
Iron (Fe)	<= 10 ppm	Conforms
Heavy metals (as Pb)	<= 5 ppm	Conforms
Lead (Pb)	<= 3 ppm	Conforms
Arsenic (As2O3)	<= 1 ppm	Conforms
Mercury (Hg)	<= 0.1 ppm	Conforms
Cadmium (Cd)	<= 1 ppm	Conforms
Any individual impurity	<= 0.2%	Conforms
Total impurities	<= 0.5%	0.0%
Residue on Ignition	<= 0.1%	0.0%
Loss on drying	<= 0.2%	0.00%
Assay	99.0% - 101.0% (dried basis)	99.8%
Pharmacopoeia	EP, USP, FCC	Conforms to EP,
Specification(s)		USP, FCC

* This material is supplied for laboratory use only.

Supplier: Formedium Ltd

Approved by: 

Date: 23 Nov 2018