


CERTIFICATE OF ANALYSIS

Product Name:	L-Histidine	Report Date:	Aug 04, 2017
Formula:	C ₆ H ₉ N ₃ O ₂	Batch No.:	170802
CAS No.:	71-00-1	Manu. Date:	Aug 02, 2017
Inspection Standard:	EP7	Exp. Date:	Aug 01, 2019

RESULTS OF ANALYSIS

Test Items	Specifications	Results
Description	White crystals or crystalline powder	Conforms
Identification	Infrared absorption	Conforms
Appearance of solution	Clear and not more intensely coloured than reference solution BY ₇	Conforms
Specific rotation $[\alpha]_D^{20}$	+11.8 to +12.8°	+12.4°
Ninhydrin-positive substances	Not more than 0.5%	<0.5%
Chlorides(Cl)	Not more than 200ppm	<200ppm
Sulphates(SO ₄)	Not more than 300ppm	< 300ppm
Ammonium(NH ₄)	Not more than 200ppm	<200ppm
Iron(Fe)	Not more than 10ppm	<10ppm
Heavy metals(Pb)	Not more than 10ppm	<10ppm
Loss on drying	Not more than 0.5%	0.12%
Sulphated ash	Not more than 0.1%	0.06%
Assay	98.5 to 101.0 %	99.3%
Conclusion:	Conforms to the specifications of EP7	

Analyst: **侯健之**Auditor: **辽薛兰**Chief of QC: **于铁梅**