


CERTIFICATE OF ANALYSIS

Product Name:	L-Histidine HCl	Report Date:	Aug 04, 2017
Formula:	C ₆ H ₁₂ ClN ₃ O ₃	Batch No.:	170802
CAS No.:	5934-29-2	Manu. Date:	Aug 02, 2017
Inspection Standard:	AJI92	Exp. Date:	Aug 01, 2019

RESULTS OF ANALYSIS

Test Items	Specifications	Results
Description	White crystals or crystalline powder	Conforms
Identification	Infrared Absorption	Conforms
State of Solution	Clear and colorless Not less than 98.0%	99.2%
Chloride(Cl)	16.66% to 17.08%	16.9%
Ammonium(NH ₄)	Not more than 200ppm	<200ppm
Sulphates(SO ₄)	Not more than 200ppm	<200ppm
Iron(Fe)	Not more than 10ppm	<10ppm
Heavy metals(Pb)	Not more than 10ppm	<10ppm
Arsenic	Not more than 1ppm	<1ppm
Other amino acids	Conforms	Conforms
Loss on drying	Not more than 0.20%	0.13%
Residue on Ignition	Not more than 0.10%	0.04%
Assay	98.5 to 101.0 %	99.6%
PH	3.5 to 4.5	3.8
Conclusion:	Conforms to the specifications of AJI92	

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