



Specialized in chemicals

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Certificate of Analysis

Product	L-Hydroxyproline	Batch Number	TNJ2015090530
CAS No.	51-35-4	Packing	25.00kg/drum
M.F.	C5H9NO3	MFG Date	May.30, 2015
M.W.	131.13	Analysis Date	May.30, 2015
N.W.	3,000.00kg	Retest Date	May.29, 2017
G.W.	3,360.00kg		

<u>Sr. No.</u>	<u>Items</u>	<u>Specification</u>	<u>Results</u>
01	Appearance	White crystals or crystalline	Confirms
02	Specific Rotation	Powder	-75.5 °
03	Bulk density	-74.0~-77.0 °	Confirms
04	State of Solution	0.6-0.8g/ml	98.8%
05	(Transmittance)	≥95.0%	<0.02%
06	Chloride (Cl)	≤0.02%	<0.02%
07	Ammonium (NH4)	≤0.02%	<0.02%
08	Sulfate (SO4)	≤0.02%	<10ppm
09	Iron (Fe)	≤10ppm	<10ppm
10	Heavy Metals (Pb)	≤10ppm	<1ppm
11	Arsenic (As2O3)	≤1ppm	Confirms
12	Other Amino Acids	Chromatographically not detectable	0.10%
13	Loss on Drying	≤0.20%	0.10%
14	Residue on Ignition (Sulfated)	≤0.10%	0.04%
15	Assay	98.5~101.0%	99.3%
16	pH	5.0~6.5	6.1

Prepared by Dong Mei

Checked by Wang Tianyi

Approved by Liu Wu

Conclusion The Quality of the above said is in conformity with **AJ197**

Storage Stored in dry and ventilation place, far from heat and water.

COA Issuer Quality Control Team-Technology Department



刘武