

## **Certificate of Analysis**

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Product	L-Citrulline		
CAS No.	372-75-8	Batch Number	TNJ2015090510
<i>M.F.</i>	C6H13N3O3	Packing	25.00kg /drum
<i>M.W.</i>	175.19	MFG Date	May 10, 2015
N.W.	1,000.00kg	Analysis Date	May 10, 2015
G.W.	1,280.00kg	Retest Date	May 09, 2017
<u>Sr. No.</u>	<u>Items</u>	<u>Specification</u>	<u>Results</u>
01	Appearance	White crystalline powder	Confirms
02	Identification	Meets the requirements	Confirms
03	Specific rotation, [a] D <sup>20</sup>	+24.50°~+26.80°	+26.16°
04	Solubility	≥98.00	99.00
05	Chloride (Cl), %	≤0.02	0.013
06	Ammonium (NH4), %	≤0.02	0.01
07	Sulfate (SO4), %	≤0.02	0.01
08	Iron (Fe), ppm	≤10.00	3.00
09	Heavy metals (Pb), ppm	≤3.00	Confirms
10	Arsenic (As), ppm	≤1.00	0.02
11	Loss on Drying, %	≪0.30	0.16
12	Residue on Ignition, %	≤0.10	0.03
13	РН	5.0~7.1	6.68
14	Assay (anhydrous), %	98.50~101.00	99.40

Prepared by Dong Mei

Conclusion Storage

COA Issuer

Checked by Wang Tianyi

The Quality of the above said is in conformity with AJI92

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

Quality Control Team-Technology Department

Approved by Liu Wu

AT COMPLIES WITH

LAB TEST CENTER