




HANGZHOU DINGYAN CHEM CO.,LTD

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CERTIFICATE OF ANALYSIS

NO: **DYC101608292**

Product name	L(+)-Citrulline
CAS Number	372-75-8
Molecule Structure	
Molecule Formula	C ₆ H ₁₃ N ₃ O ₃
Batch number	20160621
Manuf date	2016-06-21
Testing date	2016-06-22

Analysis tests	Standard	Results
Appearance	White crystals or crystalline powder	Conforms
Identification	Meets the requirements	Conforms
Specific rotation [α]_D²⁰	+24.5°~+26.8°	+25.9°
State of solution	≥98.0%	99.1%
Chloride(Cl)	≤0.020%	<0.020%
Ammonium(NH₄)	≤0.02%	<0.02%
Sulfate(SO₄)	≤0.020%	<0.020%
Iron(Fe)	≤10ppm	<10ppm
Heavy metals(Pb)	≤10ppm	<10ppm
Arsenic(As₂O₃)	≤1ppm	<1ppm
Loss on drying	≤0.30%	0.12%
Residue on ignition	≤0.10%	0.06%
Assay	98.5~101.0%	99.5%
PH	5.0~7.0	6.2
Conclusion	This Batch Is Conforming With The Standard Of AJI92	

Hangzhou Dingyan Chem Co., Ltd.
QUALITY CONTROL: Freya
Signature(x)

CHECK: 姚仙娟

INSPECTOR: 刘清风

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