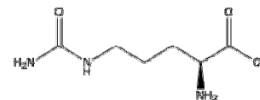


## Certificate Of Analysis

**Name:** L-Citrulline  
**CAS No.:** 372-75-8  
**Cat No.:** A823585  
**Batch No.:** L15102017  
**Mfg.Date:** 2017.10.15  
**Exp.Date:** 2019.10.14



Items	Specifications	Results
Appearance	White crystals or crystalline powder;Slightly sweet taste	Conforms
Identification	Infrared identification	Conforms
Optical rotation(°)	+24.5~+26.8	+26.0
Transmittance (%)	Not less than98.0	99.7
Chloride (%)	Not more than 0.02	Less than0.02
Sulfate (%)	Not more than 0.02	Less than 0.02
Ammonium (%)	Not more than 0.02	Less than 0.02
Iron(ppm)	Not more than10	Less than10
Heavy Metal(ppm)	Not more than10	Less than 10
Lead(ppm)	Not more than1	Not detected
Total mercury(ppm)	Not more than0.1	Not detected
Cadmium(ppm)	Not more than1	Not detected
Arsenic(ppm)	Not more than1	Less than1
Loss on drying(%)	Not more than0.3	0.03
Residue on ignition(%)	Not more than0.1	0.01
PH	5.0-7.0	5.9
Assay(%)	98.5~101.0	99.3
Total plate count(cfu/g)	Not more than1000	Less than1000
Yeast & Mould(cfu/g)	Not more than100	Less than100
E.coli(cfu/g)	Absence	Conforms

<b>Salmonella(cfu/10g)</b>	Absence	Conforms
<b>Conclusion</b>	The product tested complies with the specifications.	

**Storage condition: Store in a tightly closed container in a cool and dry place.**

Checker:

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*\* If you have any comments and suggestions, please contact us by [sales@amadischem.com](mailto:sales@amadischem.com)*