

Certificate of Analysis

Product Description: L-Citrulline

Catalog Number: 101397

Lot: YC11048

Formula : C₆H₁₃N₃O₃
CAS #: 372-75-8

Physical Description: white Powder

Formula Weight: 175.19

Storage: 2 - 8°C

Test	Specification	Result
Identity Test	Passes	Passes
FTIR	Conforms to Standard	Conforms to Standard
pH (10% aq soln)	6.0 ± 0.5	5.9
Loss on Drying	<1.5%	0.09%
Optical Rotation	+24° ± 5° (c=1, 1N HCl)	+26.1°

Assay: 99.1%

Residue on Ignition: 0.09%

Arsenic: <1 ppm

Heavy Metals: ≤ 10 ppm

Iron: ≤ 10 ppm

Sulfate: ≤ 0.020%

Recommended Retest Date(MM/DD/YYYY): 10/06/2024



12/16/2022 - Lily Liu

MP Biomedicals, LLC.

QM

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