



Shaanxi LonierHerb Bio-Technology Co., Ltd.

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Certificate of Analysis

Product Information

Product Name	L-Citrulline		
CAS	372-75-8	Report Number	CIT20220327
Batch Number	CIT220302	Manufacture Date	2022/03/02
Batch Quantity	1000Kg	Expiry Date	2024/03/01

<i>Test Items</i>	<i>Specifications</i>	<i>Result</i>
Appearance	White Crystalline Powder	Conforms
Identification	Meets the requirements	Conforms
Assay	98.5% ~ 101.0%	99.82%
Specific optical rotation	+24.5° ~ +26.8°	25.56°
Loss on Drying	≤ 0.30%	0.11%
State of Solution	≤ 98.0%	99.21%
Residue on Ignition	≤ 0.10%	0.07%
Chloride (Cl)	≤ 0.020%	Conforms
Sulfate(SO ₄)	≤ 0.020%	Conforms
Heavy Metal	≤ 0.001%	Conforms
Iron(Fe)	≤ 0.001%	Conforms
Arsenic(As)	≤ 0.0001%	Conforms
Ammonium(NH ₄)	≤ 0.02%	Conforms
PH	5.0 ~ 7.0	6.12

Conclusion

Conclusion	To be complied with in-house Specification and AJI92 standard.
Shelf Life	2 years when properly stored.
Storage	Store in cool & dry place, not freeze. Keep away from strong light.

Tested by: 张丽娟

Checker: 李明

Approved:

