

CERTIFICATE OF ANALYSIS

Product Name	L-Zinc Glutamate	Batch No	PY-ZG20210205
Quantity	1000KG	Analysis Date	Feb.08,2021
Mfg. Date	Feb.05,2021	Exp. Date	Feb.04,2023
Package	25kg/Drum	Standard	In-house standard

No.	Item	Specification	Result
1.	Appearance	White crystals or crystalline powder	Complies
2.	Identification	Meet the requirements	Complies
3	Specific Rotation	+18.5°~ +21.5°	+19.2°
6.	Loss on Drying	≤1.0%	0.6%
7.	Residue on Ignition	≤0.1%	0.04%
8.	Chloride	≤0.2%	<0.2%
9.	Ammonium	≤0.02%	<0.02%
10.	Sulfate	≤0.02%	<0.02%
11.	Iron	≤10ppm	<10ppm
12.	Heavy Metals	≤10ppm	<10ppm
13.	As	≤3ppm	<3ppm
14.	Other Amino Acids	≤0.4%	Complies
15.	Assay	98.0%-101.5%	99.8%
16.	Conclusion	Conform with In-house Standard.	

Analyst: xuli

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