

CERTIFICATE OF ANALYSIS

Product Name	L-Lysine Base	Batch No	PY-LY20190129
Quantity	500KG	Analysis Date	Feb.01,2021
Mfg. Date	Jan.29,2021	Exp. Date	Jan.28,2023
Package	25kg/Drum	Standard	Enterprise Standard

No.	Item	Specification	Result
1.	Appearance	White crystalline particles	Complies
2.	Specific Rotation	+24.0° ~ +27.0°	+25.8°
3.	Assay	98.5%~101.5%	99.2%
4.	Loss on Drying	≤5.0%	0.42%
5.	Residue on Ignition	≤0.50%	0.19%
6.	Heavy Metals	≤10ppm	<10ppm
7.	As	≤1ppm	<1ppm
8.	Chloride(Cl)	≤0.03%	<0.03%
9.	Ammonium(NH ₄)	≤0.02%	<0.02%
10.	Iron(Fe)	≤10ppm	<10ppm
11.	Other Amino Acids	Meet the requirements	Complies
12.	Conclusion	Conform to the Enterprise Standard.	

Analyst: xuli

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