

CERTIFICATE OF ANALYSIS

Product Name:	L-Carnitine Base	Packing:	25KGS/ Drum
Batch No.:	ZYL CB20221212-2	Manufacture Date:	12/12/2022
Quantity:	1500kg	Expired Date:	12/11/2024
Standard:	USP42		

Analysis Items	Specification	Result
Assay,(%)	97.0~103.0	99.95
Identification IR	Chemical method	Conform
Specific rotation	-29.0°~ -32.0°	-31.01°
Appearance	white crystalline powder	Conform
PH	5.5~9.5	7.42
Water content,(%)	≤1	0.18
Residue on ignition,(%)	≤0.5	0.05
Cyanide,(%)	Non Detectable	Absent
Chloride,(%)	≤0.4	<0.4
Residue acetone,(%)	≤0.1	Conform
Potassium,(%)	≤0.2	<0.2
Sodium,(%)	≤0.1	<0.1
Heavy metals		
Lead,(mg/kg)	< 3	Conform
Arsenic,(mg/kg)	≤1	Conform
Cadmium,(mg/kg)	< 1	Conform
Mercury,(mg/kg)	< 0.1	Conform
Microbiological		
Total Plate Count,(cfu/g)	≤ 1000	Conform
Yeast & Mold,(cfu/g)	≤ 100	Conform
E.Coli,(cfu/g)	Negative	Conform
Salmonella,(cfu/g)	Negative	Conform

Conclusion: Conform to Specification

Packing: Packed in paper-drums and two plastic-bags inside

Storage:Store in a well-closed container away from moisture,direct light and heat.

Inspector:Liuqiang

Reexamining:Zhangguangchao

Verification:Miaoyu