

## Certificate of Analysis

Produce Name: Calcium L-Threonate

Quantity: 25kg

Batch Number: SOST2024010807

Analysis Date: Jan.19, 2024

Manufacture Date: Jan.8, 2024

Expiry Date: Jan.7, 2026

Items	Specifications	Results	Method
<b>Physical and chemical analysis:</b>			
Description	White or almost white powder	Conformed	Visual
Particle Size	≥20 mesh	≥20 mesh	USP 786
Assay	≥98.0%	99.6%	SOP-ZL-114 A/0
Loss on Drying	≤1.0%	0.16%	USP 731
pH	5.8~7.0	6.4	USP 791
Specific rotation	+13.0° ~ +16.0°	+13.3°	USP 781S
Water insoluble	≤0.1%	≤0.1%	USP 857
Bulk density	0.20~0.30g/ml	0.30g/ml	USP 616
Tapped density	0.45~0.70g/ml	0.50g/ml	USP 616
<b>Residue analysis:</b>			
Heavy Metal(Pb)	≤10ppm	<10ppm	USP 231
As	≤1ppm	<1ppm	USP 211
Lead	≤0.5ppm	<0.5ppm	USP 251
Iron	≤100ppm	<100ppm	USP 241
Copper	≤0.5ppm	<0.5ppm	USP 851 AAS
Mercury	≤0.5ppm	<0.5ppm	USP 261
Cadmium	≤1ppm	<1ppm	USP 231
<b>Microbiological:</b>			
Yeast&Mould	≤100CFU/g	<100CFU/g	USP 2021
E.coil	Negative	Conformed	USP 2022
Salmonella	Negative	Conformed	USP 2022
Aerobic Plate Count	≤100CFU/g	≤100CFU/g	USP 2021
<b>General Information:</b>			
Conclusion	Conform to specification.		
Packing	Packed in paper-drums and two plastic-bags inside. N.W.: 25kgs .Drum size:D35cm×H51cm		
Storage	Store in sealed containers at cool & dry place. Protect from light, moisture and pest infestation.		
Shelf life	2 Years		
OA	Zhang Bin	QC	Guo Shan

Kindly reminder: The COA is only for product reference. It means hasn't dispatched the goods.

