

CERTIFICATE OF ANALYSIS

Product Name	Lithium Orotate	Specification	In-house
CAS No.	5266-20-6	Manufacture Date	2024.9.26
Quantity	300KG	Analysis Date	2024.10.2
Batch No.	BF-240926	Expiry Date	2026.9.25

Items	Specifications	Results
Assay (%,based on dried)	98% - 102%	99.61%
Lithium ion	3.7% - 4.3%	3.88%
Appearance	White to off-white fine powder	Complies
Odor & Taste	Characteristic	Complies
Particle Size	95% pass 60 mesh	Complies
Loss on Drying	≤ 1.0%	0.06%
Sulphate(SO4)	≤ 1.0%	Complies
Heavy Metal		
Total Heavy Metal	≤ 10 ppm	Complies
Lead (Pb)	≤ 2.0 ppm	Complies
Arsenic (As)	≤ 2.0 ppm	Complies
Cadmium (Cd)	≤ 1.0 ppm	Complies
Mercury (Hg)	≤ 0.1 ppm	Complies
Microbiological Test		
Total Plate Count	≤ 1000 CFU/g	Complies
Yeast & Mold	≤ 300 CFU/g	Complies
E.Coli	Negative	Complies
Salmonella	Negative	Complies
Staphylococcus	Negative	Complies
Package	Packed in plastic bag inside and aluminum foil bag outside.	
Storage	Store in a cool and dry place, keep away from strong light and heat.	
Shelf Life	Two years when properly stored	
Conclusion	Sample Qualified.	



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