

CERTIFICATE OF ANALYSIS

Product Name	D-chiro-inositol	Specification	Company Standard
CAS No.	643-12-9	Manufacture Date	2024.9.23
Quantity	1000KG	Analysis Date	2024.9.30
Batch No.	BF-240923	Expiry Date	2026.9.22

Items	Specifications	Results
Assay (HPLC)	97% - 102.0%	99.2%
Appearance	White crystalline powder	Complies
Taste	Sweet	Sweet
Identification	Complies	Complies
Melting Range	224.0°C - 227.0°C	224.5°C - 225.8°C
Loss on Drying	≤ 0.5%	0.093%
Residue on ignition	≤ 0.1%	0.083%
Chloride	≤ 0.005%	< 0.005%
Sulphate	≤ 0.006%	< 0.006%
Calcium	Complies	Complies
Iron	≤ 0.0005%	< 0.0005%
Arsenic	≤ 3mg/kg	0.035mg/kg
Lead	≤ 0.5mg/kg	0.039mg/kg
Organic Impurity	≤ 0.1	Not Detected
Total Plate Count	≤ 1000 CFU/g	Complies
Yeast & Mold	≤ 100 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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