



Certificate of Analysis

Product Name:	Inositol	Batch Number:	Varies
CAS No.	87-89-8	Manufacture Date:	Varies
Molecular Formula:	C ₆ H ₁₂ O ₆	Expiry Date:	Varies

IDENTIFICATION		SPECIFICATION	RESULT
Assay		≥ 97 - 102%	99.5 - 99.6%
Physical	Appearance	Fine, white crystals or white crystalline powder	Complies
	Odor	Odorless	Complies
	Taste	Sweet	Complies
	Loss on drying	≤ 0.50%	0.02%
	Melting point	224.0 - 227.0°C	225 - 226.1°C
	Residue on ignition	≤ 0.1%	0.02 - 0.03%
Chemical	Heavy Metals (as Pb)	≤ 25 ppm	Complies
	Iron (Fe)	≤ 5 ppm	Complies
	Chloride (Cl)	≤ 50 ppm	Complies
	Sulfate	≤ 60 ppm	Complies
	Calcium	Passed test	Passed test
	Barium	Passed test	Passed test
Microbial	Total Plate Count	≤ 1000 cfu/g	Complies
	Yeast & Mold	≤ 100 cfu/g	Complies
	E. Coli, Salmonella	Negative	Complies

Else	Storage condition	Sealed, kept in shady and dry place
	Shelf life	Three years

