

CERTIFICATE OF ANALYSIS

Product Name	Inositol	Manufacture Date	Jun.23, 2024
Batch Number	01012406230200	Test Date	Jun.25, 2024
CAS No.	87-89-8	Expiry Date	Jun.22, 2028
Item	Specification	Result	
Assay (On the anhydrous basis)	97.0%~102.0%	99.21%	
Description	White crystal or crystalline powder, odorless, sweet, stable in air	Conforms	
Solubility	Soluble in water, slightly soluble in alcohol, insoluble in ether and chloroform	Conforms	
Identification (A,B)	Positive Reaction	Conforms	
Clarity of solution	The same clarity as that of water	Conforms	
Color of solution	The test solution is not more intensely colored than standard solution A, standard solution B, standard solution C or water	Conforms	
Organic impurities	NMT0.3% of any individual impurities NMT1.0% of total impurities	Conforms	
Conductivity	NMT20 μ s/cm	12.87 μ s/cm	
Water	NMT0.5%	0.05%	
Barium	Passed test	Conforms	
Lead	NMT0.5ppm	Not detected	

Total Aerobic plate count	NMT1000cfu/g	LT10cfu/g
Molds & Yeasts	NMT100cfu/g	LT10cfu/g
E. Coli	Not detected	Not detected
Salmonella	Not detected	Not detected
Conclusion	Conform with USP43-NF38 standard.	
Shelf life	Four years if store under the conditions above and stay in original packing.	