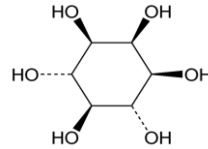


Product Specification

Product Name: Inositol

Standard: 2023 USP



Issued Date: 2023.06.14

Version: 1

CAS: [87-89-8]

Item	Method	Specification
Identification A	IR	Passes test
Identification B	HPLC	The retention time of the major peak of the Sample solution corresponds to that of the Standard solution.
Assay, on the anhydrous basis (%)	HPLC	97.0 ~ 102.0
Barium	USP2023	Passes test
Limit of lead (ppm)	AAS	≤ 0.5
Organic impurities	HPLC	Not more than 0.3% of individual impurity Not more than 1.0% of total impurities
Clarity of solution	USP2023	The sample solution shows the same clarity as that of water
Color of solution	USP2023	The test solution is not more intensely colored than standard solution A, Standard solution B, Standard solution C or water.
Conductivity (μS/cm)	USP2023	≤ 20
Water (%)	USP<921>	≤ 0.5
Aerobic Plate Count (CFU/g)	GB4789.2	≤ 1000
Molds and Yeasts (CFU/g)	GB4789.15	≤ 100
Escherichia. Coli (MPN/g)	GB4789.38	< 3.0
Salmonella	GB4789.4	Negative/25 g
Packaging/Storage	25 kg drum/carton Keep dry, and store in tight containers at ambient temperature.	
Country of Origin	China	
Shelf Life Expectancy	4 Years	