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## SPECIFICATION

Product Name	Myo Inositol
Reference Standard	USP43 - NF38

Item	Specification
<b>Physical&amp;Chemical Control</b>	
Appearance	This product is white crystal or crystalline powder, odorless, sweet, stable in air.
Odor&Taste	Characteristic
Solubility	1 gm of inositol dissolves in 6 ml of water. It is slightly soluble in alcohol and is insoluble in ether and inchloroform
Identification(A,B)	Positive reaction
Assay	97.0%-102.0%
Water	≤0.5%
Organic Impurities	≤ 0.3% of any individual impurities ≤ 1.0% of total impurities
Clarity of Solution	The same clarity as that of water
Conductivity	≤ 20uS/cm
Color of Solution	The test solution is not more intensely colored than Standard solution A, Standard solution B, Standard solution C or water
<b>Heavy Metals</b>	
Barium	Passed test
Lead	≤0.5mg/kg
<b>Microbiology Control</b>	
Total Aerobic Bacteria	≤10 <sup>3</sup> cfu/g
Molds & Yeasts	≤10 <sup>2</sup> cfu/g
Escherichia Coil	Not detected
Salmonella	Not detected
Packaging&Storage	Packed in paper-drums and two plastic-bags inside, 25kg/drum. Keep in cool & dry place. Stay away from strong light and heat.
Shelf Life	Four years if sealed and stored away from strong sun light and heat.