GREEN VALLEY LABORATORY

CERTIFICATE OF ANALYSIS

Product:	Inositol		
Lot #:	161	**Re-test:**	December 2028
Chemical Name:	myo-Inositol		
CAS #:	87-89-8		
EC #:	201-781-2		
Molecular Formula:	C6H12O6		
Molecular Weight:	180.16 g/mol		

Property	Specification	Analysis
Appearance	White to off-white crystalline powder	Conforms
Colour	Characteristic	Characteristic
Odour	Odourless	Conforms
Solubility	Soluble in water	Conforms
Melting Range, °C	222 - 227	Conforms
Pharmacopoeial Specification (USP-NF Inositol Monograph)		
Identification (Infrared Absorption; HPLC Retention Time)	Meets the requirements	Conforms
Assay, % (calculated on the anhydrous basis)	97.0 - 102.0	Conforms
Clarity of Solution (10 g in 100 mL water)	Same clarity as water	Conforms
Colour of Solution	Not more intensely coloured than the reference standards	Conforms
Conductivity, μS/cm	20 Max	Conforms
Water (Method I), %	0.5 Max	Conforms
Barium	Meets the requirements	Conforms
Lead, mg/kg	0.5 Max	Conforms
Related Compounds - Any Individual Impurity, %	0.3 Max	Conforms
Related Compounds - Total Impurities, %	1.0 Max	Conforms

Typical values from published specifications for comparable material. Not lot-specific analytical results.

DISCLAIMER

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