



Certificate of Analysis

Inositol NF

Catalog Number: IN1001
Lot Number: 0919801
CAS Number: 87-89-8
Synonym(s): 1,2,3,4,5,6-Hexahydroxycyclohexane
Molecular Formula: C₆H₁₂O₆
Molecular Weight: 180.16
Storage: 15°C – 30°C
Date of Manufacture: October 7, 2017
Retest Date: October 6, 2021

Test	Specification	Result
Appearance	White to off-white crystalline powder	Conforms
Assay	97.0 – 102.0%	99.4%
Identification		
FTIR	To match reference spectra	Conforms
Chromatographic	Retention time corresponds to standard	Conforms
Melting Point	224.0°C – 227.0°C	225.0°C – 226.2°C
Solubility (17%, H ₂ O)	Clear & colorless, lightly soluble in alcohol	Conforms
Moisture (LOD)	≤ 0.5%	0.02%
Residue on Ignition	≤ 0.1%	0.03%
Calcium	To meet requirements	Conforms
Chloride	≤ 0.005%	< 0.005%
Sulfate	≤ 0.006%	< 0.006%
Heavy Metals	≤ 25ppm	< 25ppm
Iron	≤ 5ppm	< 5ppm
Total Plate Count	≤ 1,000cfu/g	< 1000cfu/g
Mold & Yeast	≤ 100cfu/g	< 100cfu/g
<i>E. coli</i>	Negative	Negative
<i>Salmonella</i>	Negative	Negative
This lot meets the specifications for NF12.		

Approved by:

John Grubb, PhD
Gojira Fine Chemicals, LLC
Quality Manager
Tel: 440-539-7033 Fax: 888-211-5523
john@gojirafc.com

Date: September 19, 2018



Gojira Fine Chemicals, LLC

Quality Products & Services Meeting Customer Needs
5386 Majestic Parkway, Suite 7, Bedford Heights, OH 44146
www.gojirafc.com • sales@gojirafc.com
