



Certificate of Analysis

D-(-)-Fructose USP

Catalog Number: FR1001
Lot Number: 0817601
CAS Number: 57-48-7
Synonym(s): D-Levulose, Fruit sugar
Molecular Formula: C₆H₁₂O₆
Molecular Weight: 180.16
Storage: 15°C – 30°C
Date of Manufacture: June 11, 2016
Retest Date: June 10, 2018

Test	Specification	Result
Appearance	White crystalline powder	Conforms
Assay	98.0 – 102.0%	99.2%
Moisture (LOD)	≤ 0.5%	0.12%
Residue on Ignition	≤ 0.5%	0.1%
Acidity	≤ 0.5mL	0.12mL
Chloride	≤ 0.018%	0.011%
Sulfate	≤ 0.025%	0.017%
Calcium & Magnesium	≤ 0.005%	0.001%
Heavy Metals	≤ 5ppm	1ppm
Arsenic	≤ 1ppm	< 1ppm

This batch meets the specifications for USP36.

Approved by:

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

Date: August 17, 2016