



Certificate of Analysis

Dextrose USP/EP/BP

Catalog Number: DE1007
Lot Number: 0421603
CAS Number: 50-99-7
Molecular Formula: C₆H₁₂O₆
Molecular Weight: 180.16
Storage: 15°C – 30°C
Date of Manufacture: April 3, 2016
Retest Date: April 2, 2020

Test	Specification	Result
Appearance	White to almost white powder	Conforms
Identification A,B,C	To meet requirements	Conforms
Specific Rotation	+52.6° to +53.2°	53.0°
Appearance of Solution	To pass test	Conforms
Dextrin	To pass test	Conforms
Soluble Starch, Sulfites	To pass test	Conforms
Acidity/Alkalinity	6g sample, 0.1MNaOH ≤ 0.15mL	< 0.15mL
Moisture	≤ 0.5%	0.06%
Residue on Ignition	≤ 0.1%	0.02%
Chloride	≤ 125ppm (0.0125%)	< 125ppm
Sulfate	≤ 250ppm (0.0250%)	< 200ppm
Sulfites	≤ 15ppm SO ₂	< 15ppm
Heavy Metals	≤ 5ppm	< 5ppm
Arsenic	≤ 1ppm	< 1ppm
Barium	To pass test	Conforms
Calcium	≤ 200ppm	< 200ppm
Lead	≤ 0.5ppm	0.05ppm
Total Aerobic Count	≤ 1,000cfu/g	< 1,000cfu/g
Yeast & Mold	≤ 100cfu/g	< 10cfu/g
E. coli	Negative	Negative
Salmonella	Negative	Negative
Endotoxin	≤ 2.5EU/g	< 2.5EU/g

This lot meets the specifications for USP38, EP8.0 & BP2015.

Approved by:

John Grubb, PhD
Gojira Fine Chemicals, LLC

Date: April 22, 2016



Gojira Fine Chemicals, LLC

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