



## CERTIFICATE OF ANALYSIS

Product Name: D-(+)-Glucose

Catalog Number: G013

Lot Number: 03152020

Molecular Formula:  $C_6H_{12}O_6$

CAS Number: 50-99-7

Formula Weight: 180.16

Source: Plant (Corn)

<u>Test</u>	<u>Specifications</u>	<u>Results</u>
Appearance	Fine White Powder	PASS
Identity Test	Passes Test	PASS
Specific Rotation	+52.6° to +53.2°	+52.9°
Moisture	≤ 0.5%	0.01 %
Color of Solution	Passes Test	PASS
Acidity	Passes Test	PASS
Residue on Ignition	≤ 0.1%	< 0.01 %
Chloride (Cl)	≤ 0.018%	PASS
Sulfate (SO <sub>4</sub> )	≤ 0.025%	PASS
Arsenic (As)	≤ 1 ppm	PASS
Heavy Metals (as Pb)	≤ 5 ppm	PASS
Dextrin	Passes Test	PASS
Soluble Starch and Sulfite	Passes Test	PASS

### Additional Information

Store at 15 to 30°C

Recommended Retest: May 31, 2020

**This product meets or exceeds the quality standards established by Caisson Laboratories, Inc.**

*This product is intended for laboratory use only.*

Becky Kowallis  
Quality Control

4/2/2015