

## Certificate of Analysis

**Product Description:** Dextrose, Anhydrous, USP Grade  
**Catalog Number:** 199013  
**Lot:** SR01543

**Formula:** C<sub>6</sub>H<sub>12</sub>O<sub>6</sub>  
**CAS #:** 50-99-7  
**Physical Description:** White Powder

**Formula Weight:** 180.15  
**Storage:** 15 - 30°C

Test	Specification	Result
Identity Test	Passes	Passes
Color of Solution	Passes	Passes
Specific Rotation (100 mg/mL 0.012N NH <sub>4</sub> OH)	+52.6° to +53.2°	53.0°
Acidity	Passes	Passes
Loss On Drying	≤0.5%	0.15%
Residue on Ignition	≤0.1%	0.01%
Chloride	≤0.018%	<0.018%
Sulfate	≤0.025%	<0.025%
Arsenic	≤1 ppm	<1 ppm
Heavy Metals	≤5 ppm	<5 ppm
Dextrin	Passes	Passes
Soluble Starch	Passes	Passes
Sulfite	Passes	Passes

Bacteria: <10 cfu/g  
Mildew: <10 cfu/g  
Coliform: Not detected  
Endotoxin: <1.25 Eu/g  
Recommended Retest Date (MM/DD/YYYY): 08/20/2021



08/22/2019 - John Huang, PhD  
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Quality Control Manager

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