LAB ALLEY
ESSENTIAL CHEMICALS

Certificate of Analysis

Product: Dextrose, Monohydrate
Item Number: DXMGF
Grade: FCC
Lot Number: 5002135/1.1
Manufacture Date: 11/20/2025
Expiration Date: 11/19/2028
Country of Origin: China

Tested Property	Specification	Analysis
Appearance	White crystal or powder, odorless	Pass
Identification	Red ppt. of Cuprous oxide forms	Pass
Mesh Size	>99% passes 24 Mesh	Pass
Assay (dextrose equivalent, d-glucose)	99.5 - 100.5%	99.8%
Arsenic	≤1 ppm	0.03 ppm
Chloride	≤0.018%	<0.01%
Lead	≤0.1 ppm	0.03 ppm
Sulfur dioxide	≤0.002%	0.00039%
Loss on drying	≤10.0%	8.43%
Specific rotation	+52.6° - +53.2°	53.0°
Residue on ignition	≤0.1%	<0.1%
Starch Iodine Test	The solution is yellow	Pass the test
Total plate count	≤1000/g	<1000/g
Salmonella	Not exist	Pass
Mold Count	≤100/g	<100/g
E. Coli (nmp/g)	Not exist	Pass

Store in a cool, dry, and well-ventilated environment.
CAS RN: 50-99-7

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Dextrose, Monohydrate

Note: The information and recommendations of Lab Alley concerning this product are based upon laboratory tests and experience. To the best of our knowledge and belief these are true and accurate, however Lab Alley assumes no obligation or liability for the information in this document. Since conditions of actual use are beyond our control, any recommendations or suggestions regarding merchantability and fitness for particular purposes are made without warranty, expressed or implied.

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