LAB ALLEY
ESSENTIAL CHEMICALS

Certificate of Analysis

Product: Dextrose, Monohydrate, FCC Grade, Kosher, Halal
Item Number: DXMGF
CAS#: 50-99-7
Grade: FCC
Lot Number: 5002658/1.1
Manufacture Date: 01/28/2026
Expiration Date: 01/27/2029
Country of Origin: China

Tested Property	Specification	Analysis
Character	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%	0.00038%
Loss on drying	≤10.0%	8.16%
Specific rotation	+52.6° - +53.2°	52.9°
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.

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