

Certificate of Analysis

Product: Maltose
Item Number: MALPNF
Grade: NF
Lot Number: 5002093/1.1
Manufacture Date: 06/20/2025
Expiration Date: 06/19/2028
Country of Origin: Japan

Tested Property	Specification	Analysis
Description	White crystal or powder, odorless, sweet taste	Pass
Identification B	Peak retention time corresponds to standard	Pass
Identification C, IR	IR spectrum matched USP Maltose Monohydrate	Pass
Solubility	VSS in ethanol, FS in water, SS in MeOH, PIS in ether	Pass
Maltose Assay	≥92.0%	95.6
Residue After Ignition	≤0.05%	<0.00
Heavy Metals	≤5 ug/g	<5
Dextrin, Starch & Sulfite	Blue color develops	Pass
pH from COA	4.0 - 5.5	5.2
Water, KF	4.5 - 6.5%	5.5
Total Aerobic Count	≤300 cfu/g	0
Yeast and Molds	≤50 cfu/g	0
E. Coli	Negative	Negative
Salmonella	Negative	Negative

Store in a cool environment.
CAS RN: 6363-53-7

[Maltose](#)

Note: The information and recommendations of Lab Alley concerning this product are based upon laboratory

Phone: 512-668-9918, Fax: 512-886-4008,
E-mail: customercare@laballey.com,
www.laballey.com,

12501 Pauls Valley Road, Suite A, Austin, Texas 78737.

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