

Certificate of Analysis

Product: Mannitol, Powder
Item Number: MANPU
Grade: USP
Lot Number: 2205049
Manufacture Date: 05/21/2022
Expiration Date: 05/20/2024
Country of Origin: China

Tested Property	Specification	Analysis
Appearance	White or almost wide powder	Pass
Identification: IR Absorption Spectrophotometry	To Pass Test	Pass
Assay	97.0 % - 102.0 %	99.9 %
Sorbitol	≤ 2.0%	0.2 %
Sum of Maltitol and Isomalt	≤ 2.0%	Not Detected
Unspecified Impurities	≤ 0.10%	Not Detected
Total Impurities	≤ 2.0%	0.2 %
Reducing Sugars	≤ 0.1%	< 0.1%
Nickel	≤ 1 mg/g	< 1 mg/g
Appearance of Solution	Clear and Colorless	Pass
Loss on Drying	≤ 0.5%	0.1 %
Conductivity	≤ 20 mS/cm	1.9 mS/cm
Microbial TAMC	≤ 1000 CFU/g	10 CFU/g
Melting Point	165 - 170°C	Pass

Mannitol, Powder

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

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

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

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