

CERTIFICATE OF ANALYSIS

Product Name	D-Mannose	Country of Origin	China
Batch Number	SOST2024050601	Manu. Date	May, 06th, 2024
Batch Quantity	1800KG	Expiration Date	May, 05th, 2026
Items	Specifications	Results	Method
Appearance	White crystalline powder	Complies	Visual
Odor	Characteristic	Complies	Nasil
Identification	Conform with reference	Complies	FTIR
Mesh Size	95% pass 30 mesh	Complies	30mesh screen
Melting Point	126-134°C	128-130°C	USP42
Moisture Content	≤0.5%	0.05%	USP42
Residue on Ignition	≤0.1%	0.03%	USP42
Heavy Metals	≤ 10 ppm	< 10ppm	USP42
Arsenic (As)	≤ 1.0 ppm	Complies	ICP-MS
Lead (Pb)	≤ 1.0 ppm	Complies	ICP-MS
Cadmium (Cd)	≤ 0.5 ppm	Complies	ICP-MS
Mercury (Hg)	≤ 0.1ppm	Complies	ICP-MS
Total Plate Count	≤1,000 cfu/g	Complies	USP42
Yeast and Mold	≤100 cfu/g	Complies	USP42
Escherichia Coli	Absent	Not detected	USP42
Salmonella/25g	Absent	Not detected	USP42
Assay	≥99.0%	99.29%	HPLC

QC MANAGER:Feng Li

ANALYST:Guo Shan

