



西安绿泉科技有限公司

XI'AN GREEN SPRING TECHNOLOGY Co., LTD.

CERTIFICATE OF ANALYSIS

Product Name: D-Mannose
Description: White crystalline powder
Grade : Cosmetic Grade
Batch No 231011GS
Batch quantity 3000kg
Analysis Date: Oct 11th, 2023

Item	Specification	Results
Assay HPLC	≥99.0%	100.57%
Loss on Dring	≤0.5%	0.13%
Melting point	126℃~134℃	127.9~132.2℃
Specific Optical Rotation	+14.0°~+14.5°	+14.2°
Chloride(Cl)	≤0.005%	Conform
Sulfate(SO ₄)	≤0.005%	Conform
Heavy metals(Pb)	≤10ppm	Conform
Microbiological control		
Total plate count	≤1000cfu/ g	Conform
Yeast & mold	≤100cfu/ g	Conform
E.coil	Negative	Negative
Salmonelia	negative	Conform

Storage Cool & dry place, Do not freeze. Keep away from strong light and heat.
Shelf 2 year when properly stored.

Quality Assurance: Liang Yan

