

Certificate of Analysis

Date of Testing: 2025-07-15 08:44:58
Date of Next Testing: 2029-07-14 08:44:58
Product Name: **D-(+)-Mannose**
CAS Number: 3458-28-4
Specifications & Purity: Moligand™, for cell culture, ≥99%
Lot #: L2118401
SKU #: **M113093**
Version: **1**
Analysis #: **541184**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.64100%
Specific Rotation [α] ₂₅ /D(c=4 in H ₂ O in stand for 24 hours)	13.5-14.9 (°)	13.60°
Appearance (M113093)	White to Off-White Powder	White to Off-White Powder
Cell Culture Test	pass	Pass
Carbon NMR Spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless to Faint Yellow,Clear ,50 mg/ml	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



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