

Certificate of Analysis

Date of Testing: 2025-01-15 19:20:16

Date of Next Testing: 2029-01-14 19:20:16

Product Name: **D-Fructose**

CAS Number: 57-48-7

Specifications & Purity: for cell culture, ≥99%

Lot #: A2514535

SKU #: **F108335**

Version: **1**

Analysis #: **419358**

Storage Temperature: Room temperature, Argon charged, Desiccated

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.81000 %
Glucose	0-0.05 (%)	0.05 %
Specific Rotation [α] _{20/D} (c=5 in H ₂ O)	-91.3--87.7 (°)	-87.74 °
Appearance (F108335)	white powder to crystals	white powder to crystals
Solubility in H ₂ O , 200mg/4ML	pass	Pass
Cell Culture Test	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
Insect cell culture test	pass	Pass



John Su
QA & QC Manager