

Certificate of Analysis

Date of Testing: 2025-04-14 10:53:23

Date of Next Testing: 2029-04-13 10:53:23

Product Name: **D-Fructose**

CAS Number: 57-48-7

Specifications & Purity: for cell culture, ≥99%

Lot #: D2507406

SKU #: **F108335**

Version: **1**

Analysis #: **483138**

Storage Temperature: Room temperature, Argon charged, Desiccated

Parameter	Limit Values	Result
Glucose	0-0.05 (%)	0.02 %
Specific Rotation [α] ₂₀ /D(c=5 in H ₂ O)	-91.3--87.7 (°)	-88.81 °
Purity(HPLC)	99-100 (%)	99.77100 %
Appearance (F108335)	white powder to crystals	white powder to crystals
Solubility in H ₂ O , 200mg/4ML	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
Cell Culture Test	pass	Pass
Insect cell culture test	pass	Pass



John Su
QA & QC Manager