

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-17 11:06:10

Date of Next Testing: 2029-09-16 11:06:10

Product Name: **D-Fructose**

CAS Number: 57-48-7

Specifications & Purity: for cell culture, ≥99%

Lot #: I2503465

SKU # **F108335**

Version **1**

Analysis #: **561219**

Storage Temperature: Room temperature, Argon charged, Desiccated

Parameter	Limit Values	Result
Glucose	0-0.05 (%)	0.01050 %
Purity(HPLC)	99-100 (%)	99.88300 %
Specific Rotation [α] _{20/D} (c=5 in H ₂ O)	-91.3--87.7 (°)	-91.02000 °
Appearance (F108335)	white powder to crystals	white powder to crystals
Solubility in H ₂ O , 200mg/4ML	pass	Pass
Cell Culture Test	pass	Pass
Insect cell culture test	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager