

## Certificate of Analysis

Date of Testing: 2022-10-25 16:36:32  
Date of Next Testing: 2026-10-24 16:36:32  
Product Name: **D-Fructose**  
CAS Number: 57-48-7  
Specifications & Purity: 99% , for cell culture  
Lot #: J2215246  
SKU #: **F108335**  
**Analysis:** **115912**  
Storage Temperature: Argon charged,Desiccated

Parameter	Limit Values	Result
Glucose	0-0.05 (%)	0.04 %
Purity(HPLC)	99-100 (%)	99.42500 %
Specific Rotation [a] <sub>20</sub> /D(c=5 in H <sub>2</sub> O)	-91.3--87.7 (°)	-87.75 °
Appearance (F108335)	white powder to crystals	white powder to crystals
Cell Culture Test	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
Insect cell culture test	pass	Pass
Solubility in H <sub>2</sub> O , 200mg/4ML	pass	Pass



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