

Certificate of Analysis

Date of Testing: 2024-08-27 17:05:35
Date of Next Testing: 2028-08-26 17:05:35
Product Name: **D-Fructose**
CAS Number: 57-48-7
Specifications & Purity: 99% , for cell culture
Lot #: H2421528
SKU #: **F108335**
Version: **0**
Analysis #: **367665**
Storage Temperature: Argon charged,Desiccated

Parameter	Limit Values	Result
Glucose	0-0.05 (%)	0.01 %
Purity(HPLC)	99-100 (%)	99.69500 %
Specific Rotation [a] ₂₀ /D(c=5 in H ₂ O)	-91.3--87.7 (°)	-87.97°
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



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QA & QC Manager