

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-11 09:56:58
 Date of Next Testing: 2028-07-10 09:56:58
 Product Name: **D-(-)-Fructose**
 CAS Number: 57-48-7
 Specifications & Purity: BioReagent, ≥99%(HPLC)
 Lot #: G2509534
 SKU #: **D755652**
 Version: **1**
 Analysis #: **534857**
 Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	99-100 (%)	99.94700 %
Residue on ignition(Ash)	0-0.1 (%)	0.02999 %
Insoluble matter	0-0.1 (%)	0.00000 %
Chloride	0-0.05 (%)	0.00000 %
Sulfate(SO42-)	0-0.05 (%)	0.00000 %
Aluminum(Al)	0-0.0005 (%)	0.00000 %
Phosphorus (P)	0-0.0005 (%)	0.00000 %
Lead(Pb)	0-0.001 (%)	0.00000 %
Iron(Fe)	0-0.0005 (%)	0.00000 %
Copper(Cu)	0-0.0005 (%)	0.00000 %
Zinc(Zn)	0-0.0005 (%)	0.00000 %
Calcium(Ca)	0-0.0005 (%)	0.00000 %
Magnesium(Mg)	0-0.0005 (%)	0.00000 %
Sodium(Na)	0-0.005 (%)	0.00030 %
Potassium(K)	0-0.005 (%)	0.00002 %
Ammonia (NH3)	0-0.05 (%)	0.05000 %
Impurity (by Enzymatic)	≤ 0.05 (%)	0.05000 %
Solubility(1 M in H2O), Colorless Clear	Pass	Pass
Appearance(D755652)	Colorless to white crystalline or crystalline powder or Powder	Colorless to white crystalline or crystalline powder or Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager