

Certificate of Analysis

Date of Testing: 2024-01-18 13:47:28
Date of Next Testing: 2028-01-17 13:47:28
Product Name: **D-Fructose**
CAS Number: 57-48-7
Specifications & Purity: Ph. Eur.,BP,USP
Lot #: A2412318
SKU #: **F108334**
Analysis: **309805**
Storage Temperature: Desiccated

Parameter	Limit Values	Result
(As)Arsenic	0-1 (ppm)	0.32 ppm
Loss on drying	0-0.5 (%)	0.12 %
Calcium and magnesium(Ca+Mg)	0-0.005 (%)	0.00 %
Sulfate(SO42-)	0-0.025 (%)	0.00 %
Ignition Residue (as sulfate)	0-0.5 (%)	0.12 %
Assay	98-102 (%)	99.81 %
Chloride	0-0.018 (%)	0.00 %
Acidity	0-0.5	0.01
Heavy metal (as Pb)	0-5 (ppm)	0.28 ppm
Specific Rotation [α] ₂₀ /D(c=10 in H ₂ O)	-94--90(°)	-90.10°
Appearance (solution)	passes test	Passes test
Identification	pass	Pass
Residual solvents	complies	complies
USP Limit Test(hydroxymethylfurfural)	pass	Pass
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