



BIO-CHEM CHEMICALS

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CERTIFICATE OF ANALYSIS

Product Name	D(-)-FRUCTOSE AR (FOR MOLECULAR BIOLOGY)
Code No.	B-01257
Batch No.	BC/0914/19-3
Mfg.Date	DEC-2022
Date of Analysis	12/12/2022
Retest Date	NOV-2027

TEST	SPECIFICATION	RESULT
Appearance	A white crystalline powder	A white crystalline powder
Assay	Min 99%	99.17%
Specific optical rotation ([α] _D ²⁰ ; 10% in water; on dried substance)	-93.5° to -91°	92°C
Insoluble matter	Max 0.005%	0.0038%
Water (H ₂ O)	Max 0.5%	0.28%
Sulphated ash	Max 0.1%	0.078%
Chloride (Cl)	Max 0.01%	0.008%
Sulphate (SO ₄)	Max 0.02%	0.009%
D (+) Glucose (C ₆ H ₁₂ O ₆)	Max 0.5%	0.25%
Calcium & magnesium	Max 0.005%	0.0025%
Heavy metal (as Pb)	Max 0.0005%	0.0003%
Arsenic (As)	Max 0.0001%	0.00006%
Barium (Ba)	Passes test	Passes test
Copper (Cu)	Max 0.0025%	0.0006%
Lead (Pb)	Max 0.00001%	0.000002%
Zinc (Zn)	Max 0.0025%	0.0010%

REMARK: This product complies as per the specifications of **BIO-CHEM CHEMICALS**.

This is an electronically generated certificate and is valid without a signature.

For Issues relating to quality you may send us a mail on info@biofinechemicals.com or call on
+91-7404210730 Website- www.biofinechemicals.com