

CERTIFICATE OF ANALYSIS

PRODUCT NAME : D-FRUCTOSE AR

CAS No : 57-48-7
Mol. Formula : C₆H₁₂O₆
Mol. WT : 180.16
Date of analysis : 19/12/24

Product code : 23340
Batch No : MCAR-00976
Mfd. : Dec. 2024
Exp. : Nov. 2029

S.R	Test	Specification	Observation
1	Description	Colourless crystals or white crystalline powder.	White crystalline powder.
2	Assay	99% min	99.97%
3	Insoluble matter	0.005 % max	0.003 %
4	Loss on drying	0.5 %max	0.38%
5	Sulphated ash	0.05 % max	0.03 %
6	Chloride (Cl)	0.001 % max	< 0.001 %
7	Sulphate (SO₄)	0.005 % max	< 0.005 %
8	D(+) Glucose (C₆H₁₂O₆)	0.1% max	<0.1 %
9	Arsenic(As)	0.0001 % max	< 0.0001%
10	Cadmium (Cd)	0.0001 % max	< 0.0001 %
11	Copper (Cu)	0.0001 % max	< 0.0001 %
12	Iron (Fe)	0.0001% max	<0.0001%
13	Lead (Pb)	0.0001 % max	< 0.0001 %
14	Zinc (Zn)	0.0005% max	<0.0005%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



**CHEMIST
(Shruti)**

[QC Incharge]



**HEAD-QUALITY ASSURANCE
(G.G.Salian)**

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