



CERTIFICATE OF ANALYSIS

Date: 16/12/17

PRODUCT NAME : DEXTROSE (MONOHYDRATE) AR

For Microbiology
(D(+) glucose monohydrate)

CAS No : 3996- 10-1

Product code : 22910

Mol. Formula : C₆H₁₂O₆.H₂O

Batch No : MCRT-9749-02

Mol. WT : 198.17

Mfd. : Dec. 2017

Exp. : Nov. 2022

S. R	Test	Specification	Observation
1	Specific rotation $[\alpha]^{20}_D$ (20/D, 10% water, on dried substance)	+ 52.6 ⁰ to + 53.2 ⁰	+52.9 ⁰
2	Chloride(Cl)	0.005 % max	< 0.005 %
3	Sulphate(SO ₄)	0.01 % max	< 0.01 %
4	Sulphite(as SO ₂)	Passes test	Passes test
5	Heavy metals(Pb)	0.001 %max	< 0.001 %
6	Maltose	0.02 % max	< 0.02 %
7	Water	8.0-10.0%	8.4%
8	Suitability for microbiology	Passes test	Passes test
9	Sulphated ash	0.05 % max	0.02 %
10	Arsenic (As)	0.00005 % max	< 0.00005 %

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

HEAD-QUALITY ASSUARANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

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