



SPECIFICATION

Product Code: 22910



Product Name: DEXTROSE (MONOHYDRATE) AR
For Microbiology
(D(+) glucose monohydrate)

$C_6H_{12}O_6 \cdot H_2O$

M.W. 198.17

Specific rotation $[\alpha]^{20}_D$ + 52.6⁰ to + 53.2⁰
(20/D, 10% water, on dried substance)

Maximum Limits of Impurities :

Chloride(Cl)	0.005%
Sulphate(SO ₄)	0.01%
Sulphite(as SO ₂)	Passes test
Heavy metals(Pb)	0.001%
Maltose	0.02%
Water	8.0-10.0%
Suitability for microbiology	Passes test
Sulphated ash	0.05%
Arsenic (As)	0.00005%

CAS No. : 3996-10-1

F: 3