

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	6.0-10.0%
Suitability for microbiology	Passes test
Sulphated ash	0.05%
Arsenic (As)	0.00005%

CAS No. : 3996-10-1

Revision No. 02
Rev. Date : 30/03/2026

MOLYCHEM INDIA LLP

H.Q. : Maker Tower 'E', 41-A2, 4th Floor, Above Maker Arcade, Cuffe Parade, Mumbai 400 005 (INDIA)

Tel. : +91 22 4066 8111 • Email: info@molychem.net • Web: www.molychem.net

Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.