

CERTIFICATE OF ANALYSIS

PRODUCT NAME : D(-)MANNITOL LR

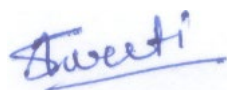
CAS No : 69-65-8
Mol. Formula : C₆H₁₄O₆
Mol. WT : 182.17
Date of analysis : 27/05/24

Product code : 15640
Batch No : MCR-31105
Mfd. : May 2024
Exp. : April 2029

S.R	Test	Specification	Observation
1	Description	White powder or crystalline powder.	White powder.
2	Assay	99% min	99.92%
3	Melting point	165-168°C	167.8°C
4	Specific rotation $[\alpha]^{20}_D$ (C=8, In aqueous solution 10.4% Disodium Tetra borate)	+23° to +24°	+23.50°
5	Loss on drying at 110°C	0.1% max	0.08%
6	Sulphated ash	0.05% max	0.01%
7	Reducing sugars (ml)	16 max	<16
8	Pyrogen	Free	Free
9	Alkalinity (ml)	0.3 max	<0.3
10	Acidity (ml)	0.2 max	<0.2
11	Chloride	0.005%max	<0.005%
12	Sulphate	0.01%max	<0.01%
13	Sorbitol	Negative	Negative
14	Nickel(mg/kg)	0.2 max	<0.2

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



CHEMIST
(Swati)

[QC Incharge]



HEAD-QUALITY ASSURANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

MOLYCHEM 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

Reg. Office : 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai - 400 002 (INDIA)

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.