



CERTIFICATE OF ANALYSIS

Date: 12/08/14

PRODUCT NAME : D(-)MANNITOL EXTRA PURE

CAS No : 69-65-8
Mol. Formula : $C_6H_{14}O_6$
Mol. WT : 182.17

Product code : 15640
Batch No : MCR-8528
Mfd. : Aug. 2014

S. R	Test	Specification	Observation
1	Assay	99.5 % w/w min	99.55% w/w
2	Melting point	166-169 ⁰ c	167.7 ⁰ c
3	Specific rotation $[\alpha]^{20}_D$ (C=8 in aq. Soln 10.4% disodium tetraborate)	+23 ⁰ to +24 ⁰	+23 ⁰
4	Loss on drying at 110 ⁰ c	0.1% max	0.08%
5	Sulphated ash	0.05 % max	0.04 %
6	Reducing sugars (ml)	16 max	<16
7	Pyrogen	Free	Free
8	Alkalinity (ml)	0.3 max	< 0.3
9	Acidity (ml)	0.2 max	< 0.2
10	Chloride	0.005 % max	< 0.005 %
11	Sulphate	0.01% max	< 0.01%
12	Sorbitol	Negative	Negative
13	Nickel (mg/kg)	0.2 max	< 0.2

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.

MOLYCHEM Office: 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai – 400 002 (INDIA)
Tel: +91 22 4066 8111, 2205 7772 . Fax: + 91 22 2203 4442. Email : info@molychem.net
Works: Plot No./9, Badlapur M.I.D.C.,OPP.Shobhavat Textile Co.,
Kulgaon, Badlapur (E), Dist.-Thane-421 503