



Pallav Chemicals & Solvents Pvt. Ltd

Manufacturers of Laboratory Fine Chemicals

Head Office: 253, Shiv Shakti Industrial Estate, Opp Mittal Estate, Andheri Kurla Road, Andheri East, Mumbai - 400 059. Tel No: +91 22 4928 4000 (100 Lines)
Factory: N-226 Near Kumbhavali Naka, Tarapur MIDC, Boisar - 401506. • Email: sales@pallavchemicals.com

CERTIFICATE OF ANALYSIS

Product Name	:	D (-) MANNITOL AR (FOR MOLECULAR BIOLOGY)
Code No.	:	01636
Batch No.	:	PC/1184/19-3
Mfg. Date	:	FEB-2020
Date Of Analysis	:	05/02/2020
Retest Date	:	JAN-2025

TEST	SPECIFICATION	RESULT
Appearance	White crystalline powder	White crystalline powder
Assay	Min 99%	99.36%
Melting point	165 - 169 deg C	167°C
Specific optical rotation ([α] _D 20/D)	+23 to +25 deg	+24°
Loss on drying (at 105°C)	Max 0.05%	0.026%
Insoluble matter	Max 0.01%	0.006%
Acidity (as CH ₃ COOH)	Max 0.005%	0.0024%
Sulphated ash	Max 0.02%	0.014%
Chloride (Cl)	Max 0.001%	0.0008%
Sulphate (SO ₄)	Max 0.005%	0.0029%
Arsenic (As)	Max 0.0001%	0.00006%
Calcium (Ca)	Max 0.001%	0.0004%
Copper (Cu)	Max 0.0005%	0.000027%
Iron (Fe)	Max 0.0005%	0.00034%
Lead (Pb)	Max 0.0005%	0.00035%
Reducing sugars (as glucose)	Max 0.05%	0.024%
Substance darkened by H ₂ SO ₄	Passes test	Passes test
D (-)-Sorbitol (GC)	Max 1%	0.6%

REMARK : This product complies as per the specifications of **Pallav Chemicals & Solvents Pvt. Ltd.**

This is an electronically generated Certificate and is valid without a signature.

For Issues relating to Quality you may send us a mail on sales@pallavchemicals.com or call on **022 4928 4000**

Website: www.pallavchemicals.com

