



## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	:	<b>D(-)MANNITOL 98% EXTRAPURE</b>
<b>Cas No.</b>	:	<b>69-65-8</b>
<b>Code No.</b>	:	<b>01635</b>
<b>Batch No.</b>	:	<b>PC09231496</b>
<b>Mfg. Date</b>	:	<b>SEP-2023</b>
<b>Date Of Analysis</b>	:	<b>16/09/2023</b>
<b>Retest Date</b>	:	<b>AUG-2028</b>

<b>TEST</b>	<b>SPECIFICATION</b>	<b>RESULT</b>
Appearance	White crystalline powder	White crystalline powder
Assay	98.0-102.0%	100.01%
Melting point	166 - 169°C	168°C
Specific optical rotation ([ $\alpha$ ] <sub>D</sub> <sup>20</sup> )	+23 to +25°	+24°
Loss on drying (at 110°C)	Max 0.5%	0.31%
Free acid	Max 0.1 ml N%	0.05 ml N%
Sulphated ash	Max 0.05%	0.03%
Reducing sugars (as glucose)	Max 0.2%	0.11%

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](mailto:sales@pallavchemicals.com) or call on **022 4928 4000**

Website: [www.pallavchemicals.com](http://www.pallavchemicals.com)