



# BIO-CHEM CHEMICALS

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## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	<b>D (-) MANNITOL</b>
<b>Code No.</b>	<b>B-01635</b>
<b>Batch No.</b>	<b>BC/1184/19-2</b>
<b>Mfg.Date</b>	<b>FEB-2022</b>
<b>Date of Analysis</b>	<b>03/03/2022</b>
<b>Retest Date</b>	<b>JAN-2027</b>

<b>TEST</b>	<b>SPECIFICATION</b>	<b>RESULT</b>
Appearance	White crystalline powder	White crystalline powder
Assay	98.0-102.0%	99.36%
Melting point	166 - 169°C	167°C
Specific optical rotation	+23 to +25°	+24°
Loss on dryig (at 110°C)	Max 0.5%	0.0265
Free acid	Max 0.1 ml N%	0.06ml N%
Sulphated ash	Max 0.05%	0.014%
Reducing sugars (as glucose)	Max 0.2%	0.024%

REMARK: This product complies as per the specifications of **BIO-CHEM CHEMICALS**.

**This is an electronically generated certificate and is valid without a signature.**

For Issues relating to quality you may send us a mail on [info@biofinechemicals.com](mailto:info@biofinechemicals.com) or call on  
**+91-7404210730** Website- [www.biofinechemicals.com](http://www.biofinechemicals.com)