



# BIO-CHEM CHEMICALS

Office Address: 5455, Nicholson Road Science Market , Ambala Cantt.133001 Haryana(India) ,  
Contact no: +91-8295241953, +91-7404210730

## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	<b>LACTOSE MONOHYDRATE EXTRAPURE</b>
<b>Code No.</b>	<b>B-01498</b>
<b>Batch No.</b>	<b>BC05221882</b>
<b>Mfg.Date</b>	<b>MAY-2024</b>
<b>Date of Analysis</b>	<b>04/05/2024</b>
<b>Retest Date</b>	<b>APRIL-2029</b>

<b>TEST</b>	<b>SPECIFICATION</b>	<b>RESULT</b>
Appearance	White crystalline powder	White crystalline powder
Specific optical rotation ( $[\alpha]_{20}^D$ ; 10% in water)	+54.4 to +55.9 deg	+55.9deg
Sulphated ash	Max 0.5%	0.31%
Water (by KF)	4.5 - 5.5%	4.61%
Heavy metal (as Pb)	Max 0.0005%	Less than 0.0005%
Arsenic (As)	Max 0.0001%	Less than 0.0001%
Copper (Cu)	Max 0.0025%	Less than 0.0025%
Lead (Pb)	Max 0.00005%	Less than 0.00005%
Zinc (Zn)	Max 0.0025%	Less than 0.0025%
Loss on drying (at 80°C; 2 hrs)	Max 0.5%	0.30%
Matter extractable with ethanol	Max 0.4%	Less than 0.4%

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)