



CERTIFICATE OF ANALYSIS

Product Name	:	LACTOSE MONOHYDRATE EXTRAPURE
Code No.	:	01498
Batch No.	:	PC05221882
Mfg. Date	:	MAY-2022
Date Of Analysis	:	04/05/2022
Retest Date	:	APRIL-2027

TEST	SPECIFICATION	RESULT
Appearance	White crystalline powder	White crystalline powder
Specific optical rotation ([α] _D ²⁰ ; 10% in water)	+54.4 to +55.9 ⁰	+55.9 ⁰
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 **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