



CERTIFICATE OF ANALYSIS

Product Name	:	LACTOSE MONOHYDRATE EXTRAPURE
Cas No.	:	10039-26-6
Code No.	:	01498
Batch No.	:	PC10241903
Mfg. Date	:	OCT-2024
Date Of Analysis	:	19/10/2024
Retest Date	:	SEP-2029

TEST	SPECIFICATION	RESULT
Appearance	White or almost white crystalline powder	White crystalline powder
Specific optical rotation ($[\alpha]_{20/D}$; 10% in water)	+54.4 to +55.9°	+55.2°
Sulphated ash	Max 0.5%	0.12%
Water (by KF)	4.5 - 5.5%	4.70%
Heavy metal (as Pb)	Max 0.0005%	0.00013%
Arsenic (As)	Max 0.0001%	0.000023%
Copper (Cu)	Max 0.0025%	0.00057%
Lead (Pb)	Max 0.00005%	0.000018%
Zinc (Zn)	Max 0.0025%	0.0006%
Loss on dryig (at 80°C; 2 hrs)	Max 0.5%	0.23%
Matter extractable with ethanol	Max 0.4%	0.051%

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