



CERTIFICATE OF ANALYSIS

Product Name	: CITRIC ACID MONOHYDRATE 99% EXTRAPURE
Cas No.	: 5949-29-1
Code No.	: 00823
Batch No.	: PC12232306
Mfg. Date	: DEC-2023
Date Of Analysis	: 01/01/2024
Retest Date	: NOV-2028

TEST	SPECIFICATION	RESULT
Appearance	White or almost white, crystalline powder , colorless crystals or granules efflorescent	White crystalline powder
Assay (by NaOH titration)	Min 99.0%	99.99%
Insoluble matter in water	Max 0.01%	0.0044%
Chloride (Cl)	Max 0.005%	0.0012%
Sulphate (SO ₄)	Max 0.01%	0.006%
Oxalate (as C ₂ H ₂ O ₄)	Max 0.035%	0.012%
Heavy metal (as Pb)	Max 0.001%	0.0006%
Lead (Pb)	Max 0.001%	0.0009%
Iron (Fe)	Max 0.001%	0.0007%
Zinc (Zn)	Max 0.001%	0.0004%
Arsenic (As)	Max 0.0001%	0.00002%
Calcium (Ca)	Max 0.02%	0.003%
Barium (Ba)	Max 0.002%	0.0006%
Reaction against H ₂ SO ₄	Passes test	Passes
Water (H ₂ O)	7.5 - 8.8%	8.68%
Sulphated ash (at 600°C)	Max 0.05%	0.026%

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