

Manufacturers of Laboratory Fine Chemicals

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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 (SO4)	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