



CERTIFICATE OF ANALYSIS

| | |
|-------------------------|--|
| Product Name | : CITRIC ACID MONOHYDRATE 99% EXTRAPURE |
| Cas No. | : 5949-29-1 |
| Code No. | : 00823 |
| Batch No. | : PC07230970 |
| Mfg. Date | : JULY-2023 |
| Date Of Analysis | : 18/07/2023 |
| Retest Date | : JUNE-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% | 99.14% |
| Insoluble matter in water | Max 0.01% | 0.003% |
| Chloride (Cl) | Max 0.005% | 0.0012% |
| Sulphate (SO ₄) | Max 0.01% | 0.004% |
| Oxalate (as C ₂ H ₂ O ₄) | Max 0.035% | 0.016% |
| Heavy metal (as Pb) | Max 0.001% | 0.0005% |
| Lead (Pb) | Max 0.001% | 0.0003% |
| Iron (Fe) | Max 0.001% | 0.0001% |
| 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% | 7.56% |
| Sulphated ash (at 600°C) | Max 0.05% | 0.020% |

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