

Manufacturers of Laboratory Fine Chemicals

Head Office: 403 Cosmos Plaza, (Westside Building), Nr DN Nagar Metro Station, Andheri West- 400053 Mumbai • Contact: +91 91360 93115 Factory: N-226 Near Kumbhavali Naka, Tarapur MIDC, Boisar – 401506. Tel: +91 8451043975/ 76 • Email:sales@pallavchemicals.com

CERTIFICATE OF ANALYSIS

| Product Name | : | CITRIC ACID MONOHYDRATE 99% EXTRAPURE | |
|------------------|---|---------------------------------------|--|
| Code No. | : | 00823 | |
| Batch No. | : | PC03232887 | |
| Mfg. Date | : | MAR-2023 | |
| Date Of Analysis | : | 14/03/2023 | |
| Retest Date | : | FEB-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% | 99.57% |
| Insoluble matter in water | Max 0.01% | 0.005% |
| Chloride (Cl) | Max 0.005% | 0.002% |
| Sulphate (SO4) | Max 0.01% | 0.005% |
| Oxalate (as C2H2O4) | Max 0.035% | 0.011% |
| Heavy metal (as Pb) | Max 0.001% | 0.0004% |
| Lead (Pb) | Max 0.001% | 0.0006% |
| Iron (Fe) | Max 0.001% | 0.0003% |
| Zinc (Zn) | Max 0.001% | 0.0008% |
| Arsenic (As) | Max 0.0001% | 0.00002% |
| Calcium (Ca) | Max 0.02% | 0.003% |
| Barium (Ba) | Max 0.002% | 0.0007% |
| Reaction against H2SO4 | Passes test | Passes |
| Water (H2O) | 7.5 - 8.8% | 8.0% |
| Sulphated ash (at 600°C) | Max 0.05% | 0.010% |

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