



CERTIFICATE OF ANALYSIS

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|-------------------------|----------|--|
| Product Name | : | TRI-POTASSIUM CITRATE MONOHYDRATE 99% EXTRAPURE |
| Code No. | : | 02092 |
| Batch No. | : | PC12222325 |
| Mfg. Date | : | DEC-2022 |
| Date Of Analysis | : | 31/12/2022 |
| Retest Date | : | NOV-2027 |

| TEST | SPECIFICATION | RESULT |
|--|--------------------------|--------------------------|
| Appearance | White crystalline powder | White crystalline powder |
| Assay (by HClO ₄ titration) | 98 - 100.5% | 99.99% |
| pH (5% solution in water) | 7.5 - 9.0 | 8.12 |
| Appearance of solution | Passes test | Passes |
| Insoluble matter in water | Max 0.025% | 0.011% |
| Acidity or alkalinity | Passes test | Passes |
| Chloride (Cl) | Max 0.005% | Less than 0.005% |
| Oxalate (as C ₂ H ₂ O ₄) | Max 0.03% | Less than 0.03% |
| Sulphate (SO ₄) | Max 0.01% | Less than 0.01% |
| Tartarate (C ₄ H ₆) | Passes test | Passes |
| Heavy metal (as Pb) | Max 0.001% | Less than 0.001% |
| Arsenic (As) | Max 0.0002% | Less than 0.0002% |
| Sodium (Na) | Max 0.3% | Less than 0.3% |
| Readily carbonisable substance | Passes test | Passes |
| Water (H ₂ O) | 4.0 - 7.0% | 6.36% |

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