

## Certificate of Analysis

Date of Testing: 2022-01-04 14:24:13

Date of Next Testing: 2026-01-03 14:24:13

Product Name: **Citric acid monohydrate**

CAS Number: 5949-29-1

Specifications & Purity: AR, ≥99.5%

Lot #: L2129114

SKU #: **C112632**

Version: **2**

Analysis #: **063583**

| Parameter                      | Limit Values    | Result     |
|--------------------------------|-----------------|------------|
| Ignition Residue (as sulfate)  | 0-0.02 (%)      | 0.00 %     |
| Calcium(Ca)                    | 0-0.005 (µg/mg) | 0.00 µg/mg |
| Copper(Cu)                     | 0-0.0005 (%)    | 0.00 %     |
| oxalate (C2O42-)               | 0-0.05          | 0.03       |
| Phosphate(PO4)                 | 0-0.001 (%)     | 0.00 %     |
| Sulfate(SO42-)                 | 0-0.005 (%)     | 0.00 %     |
| Iron(Fe)                       | 0-0.0005 (%)    | 0.00 %     |
| Assay                          | 99.5-100 (%)    | 99.60 %    |
| Insoluble matter in H2O        | 0-0.005 (%)     | 0.00 %     |
| Lead(Pb)                       | 0-0.0005 (%)    | 0.00 %     |
| Chloride (Cl-)                 | 0-0.0005 (%)    | 0.00 %     |
| Readily carbonizable substance | pass            | Pass       |



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