

# Product Specification

## Sodium Citrate Dihydrate, ACS Reagent Grade

**Lot Number:** SAMPLE**Product Number:** RDCS0450**Date Packaged:** N/A**Expiration Date:** N/AChemical formula:  $\text{Na}_3\text{C}_6\text{H}_5\text{O}_7 \cdot 2\text{H}_2\text{O}$   
Formula weight: 294.10**Contains** $\text{Na}_3\text{C}_6\text{H}_5\text{O}_7 \cdot 2\text{H}_2\text{O}$  CAS No. 6132-04-3 MW 294.10

| Test                      | Specification | Result |
|---------------------------|---------------|--------|
| Ammonia ( $\text{NH}_3$ ) | max 0.003 %   | N/A    |
| Assay                     | min 99.0 %    | N/A    |
| Calcium (Ca)              | max 0.005 %   | N/A    |
| Chloride (Cl)             | max 0.003 %   | N/A    |
| Heavy Metals (as Pb)      | max 5 ppm     | N/A    |
| Insoluble Matter          | max 0.005 %   | N/A    |
| Iron (Fe)                 | max 5 ppm     | N/A    |
| pH of 5% Solution         | 7.0-9.0       | N/A    |
| Sulfate ( $\text{SO}_4$ ) | max 0.005 %   | N/A    |

Balances are calibrated regularly with weights certified traceable to the NIST national mass standard. All products are prepared according to master documents that assure manufacture according to validated methods. Batch records document traceability and production history for each lot manufactured.

| Part Number    | Size / Package Type | Shelf Life (Unopened Container) |
|----------------|---------------------|---------------------------------|
| RDCS0450-500B1 | 500 g poly          | 84 months                       |

**Recommended Storage:** 15°C - 30°C (59°F - 86°F)

This Certificate of Analysis is designed to comply with ISO Guide 31 "Reference Materials -- Contents of Certificates and Labels."