

**Certificate of Analysis**

**Product: Sodium Citrate Dihydrate**  
**Item Number: SOCTGU**  
**Grade: USP/FCC**  
**Lot Number: 6087808**  
**Manufacture Date: 10/25/2021**  
**Expiration Date: 10/24/2025**  
**Country of Origin: United States**

| <b>Tested Property</b>            | <b>Specification</b>          | <b>Analysis</b> |
|-----------------------------------|-------------------------------|-----------------|
| Assay, %                          | 99.0 - 100.5                  | 99.4            |
| Water (Loss on Drying), %         | 11.0 - 13.0                   | 12.3            |
| pH 5% solution                    | 7.5 - 9.0                     | 8.8             |
| Readily Carbonisable Substances   | To Pass Test                  | Pass            |
| Odor                              | Typical, practically odorless | Pass            |
| Appearance of Solution            | Clear and Colorless           | Pass            |
| Acidity                           | To Pass Test                  | Pass            |
| Alkalinity                        | To Pass Test                  | Pass            |
| Heavy Metals, mg/kg               | ≤5                            | Pass            |
| Chloride, mg/kg                   | ≤50                           | Pass            |
| Arsenic, mg/kg                    | ≤1                            | Pass            |
| Lead, mg/kg                       | ≤0.5                          | Pass            |
| Mercury, mg/kg                    | ≤0.5                          | Pass            |
| Oxalic Acid / Oxalate, mg/kg      | ≤100                          | Pass            |
| Sulphate, mg/kg                   | ≤100                          | Pass            |
| Tartrate                          | To Pass Test                  | Pass            |
| Particles > Mesh 25 (0.71mm), %   | ≤10                           | Pass            |
| Particles > 0.63mm, %             | ≤10                           | 0               |
| Particles < 0.20mm, %             | ≤15                           | 3               |
| Particles < Mesh 100 (0.150mm), % | ≤15                           | Pass            |

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### Sodium Citrate Dihydrate

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