

Chem-Impex International, Inc.

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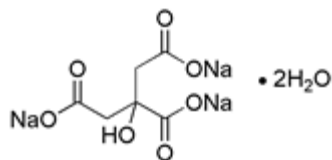
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number 01265
Product **Sodium citrate dihydrate**

Citric acid trisodium salt dihydrate

Sodium citrate tribasic dihydrate

CAS Number 6132-04-3
Molecular Formula C₆H₅Na₃O₇•2H₂O
Molecular Weight 294.1

Appearance White granular powder
Solubility Freely soluble in water, practically insoluble in ethanol (96%)
Heavy Metals ≤ 10 ppm (as Pb)
Sulfur Compounds Sulfates: ≤ 150 ppm
Anion Chloride (Cl⁻): ≤ 50 ppm
Cation Arsenic (As): ≤ 2 ppm
Lead (Pb): ≤ 2 ppm
pH 8.0-9.1 (1%)
Alkalinity To pass test
Loss on Drying 10-13%
Readily Carbonizable Substance To pass test
Related Substances Oxalates: ≤ 300 ppm
Tartrate: To pass test
Assay by titration 99.0-100.5% (anhydrous basis)
Grade USP/FCC
Application Sodium citrate is chiefly used as a food additive, usually for flavor or as a preservative.

Product Specifications

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Storage

Store at RT

Additional Information

Identification: To pass test

For Laboratory Use Only