

Technical data sheet

Product name: **Tri-sodium citrate dihydrate**

Grade: **Extra pure**

Chemical formula: $C_6H_5Na_3O_7 \cdot 2H_2O$

Molar mass: 294.10 g/mol

Synonyms: Trisodium Citrate, Sodium Citrate, Dihydrate

| General information | |
|----------------------------|-------------------------------|
| Cas- No. | 6132-04-3 |
| Ec-No. | 200-675-3 |
| Appearance | White solid |
| Boiling point | N/A |
| Melting point | 300 °C (anhydrous subst) |
| Flash point | N/A |
| Spec.density | 1.76 g/cm ³ (20°C) |
| Vapour pressure | N/A |
| Solub. In H ₂ O | 720 g/l (20°C) |
| Storage temp | ≤+30 ° C |
| R: | N/A |
| S: | N/A |

| Specification | |
|--------------------------|-----------------------------|
| Assay | ≥98 % |
| Identification (Sodium) | Conforms |
| Identification (Citrate) | Conforms |
| Alkalinity | ≤0.2 meq/g |
| Tartrate | Conforms |
| Water | 10.0 - 13.0 % |
| pH-value | 7.5 - 9.0 (5%; water; 25°C) |
| | |
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| | |
| | |
| | |

Symbol:

packaging:

| Available Pack | 1Kg | 5Kg | 10Kg |
|----------------|-----|-----|------|
| P.E | * | * | * |
| GLASS | - | - | - |