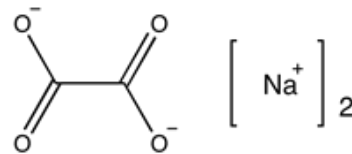


**di-Sodium oxalate**, secondary standard for volumetric titrations,  
Titrasure<sup>®</sup>**Identification**

Na<sub>2</sub>C<sub>2</sub>O<sub>4</sub>  
M = 134,01 g/mol  
CAS [62-76-0]  
EC number: 200-550-3  
Taric code: 2917 11 00

**Synonyms**

Oxalic acid sodium salt, Soerensen's buffer substances

**Specifications**

assay (on dried sample).....min. 99,7 %  
insoluble in water..... max. 0,005 %  
neutrality..... passes test  
chlorides (Cl).....max. 0,002 %  
sulfates (SO<sub>4</sub>).....max. 0,002 %  
ammonium (NH<sub>4</sub>).....max. 0,002 %

heavy metals (as Pb)..... max. 0,002 %  
iron (Fe)..... max. 0,001 %  
potassium (K).....max. 0,005 %  
substances darkened by H<sub>2</sub>SO<sub>4</sub>..... passes test  
loss on drying ..... max. 0,01 %

This standard solution is traceable to Standard Reference Material from NIST.

**Physical data**

- Bulk density: ~ 600 kg/m<sup>3</sup>
- Solub. in water: (20 °C): 37 g/l
- Melting point: 250 - 270 °C (decomposes)
- pH(30 g/l H<sub>2</sub>O, 20 °C) ~ 8

**Safety - GHS**

**Signal Word:** Warning

**Hazard Statements:**

H302: Harmful if swallowed.  
H312: Harmful in contact with skin.

**Precautionary Statements:**

P280: Wear protective gloves / protective clothing / eye protection / face protection.  
P264: Wash thoroughly after handling.  
P270: Do not eat, drink or smoke when using this product.  
P321: Specific treatment (see on this label).  
P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

**Transport/storage**

- 10°C - 30°C