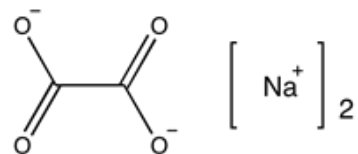


Identification

Na₂C₂O₄
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

Applications

analytical chemistry, reference material.

Specifications

assay (permanganometric).....	min. 99,8 %	ammonium (NH ₄).....	max. 0,002 %
insoluble matter.....	max. 0,005 %	heavy metals (as Pb).....	max. 0,001 %
acidity.....	passes test	iron (Fe).....	max. 5 ppm
chlorides (Cl).....	max. 0,002 %	lead (Pb).....	max. 0,001 %
phosphates (as PO ₄).....	max. 0,005 %	potassium (K).....	max. 0,005 %
sulfates (SO ₄).....	max. 0,002 %	substances darkened by H ₂ SO ₄	passes test
total nitrogen (as N).....	max. 0,001 %	loss on drying (105 °C).....	max. 0,01 %

Physical data

- Appearance: bulky powder, white
- Bulk density: ~ 600 kg/m³
- Solub. in water: (20 °C): 37 g/l
- Melting point: 250 - 270 °C (decomposes)
- pH(30 g/l H₂O, 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