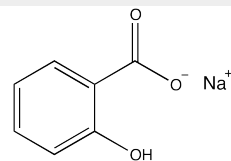


Identification

$C_7H_5NaO_3$
 $M = 160,11 \text{ g/mol}$
 CAS [54-21-7]
 EC number: 200-198-0
 Taric code: 2918 21 00


Synonyms

Salicylic acid sodium salt

Applications

analytical chemistry, for the detection of: glucose (urine).

Specifications

assay (titration with $HClO_4$, on dried sample) min. 99 %
 identity (IR-spectrum).....passes test
 appearance of solution (10 %, H_2O).....passes test
 insoluble in water.....max. 0,02 %
 chlorides (Cl).....max. 0,002 %
 sulfates (SO_4).....max. 0,01 %
 cadmium (Cd).....max. 5 ppm
 calcium (Ca).....max. 0,005 %

cobalt (Co).....max. 5 ppm
 copper (Cu).....max. 5 ppm
 heavy metals (as Pb).....max. 0,001 %
 iron (Fe).....max. 0,001 %
 lead (Pb).....max. 5 ppm
 magnesium (Mg).....max. 0,001 %
 nickel (Ni).....max. 5 ppm
 zinc (Zn).....max. 5 ppm
 loss on drying (105 °C).....max. 0,2 %

Physical data

- Appearance: flakes, bright white or almost white
- Bulk density: ~ 320 kg/m³
- Solub. in water: (20 °C): soluble
- Melting point: 200 °C
- Ignition temperature: > 250 °C
- pH(100 g/l H_2O , 20 °C) ~ 6,5

Safety - GHS

Signal Word: Warning

Hazard Statements:

H302: Harmful if swallowed.
 H319: Causes serious eye irritation.


Precautionary Statements:

P280: Wear protective gloves / protective clothing / eye protection / face protection.
 P264: Wash thoroughly after handling.
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
 P337+P313: If eye irritation persists: Get medical advice / attention.
 P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- 10°C - 30°C