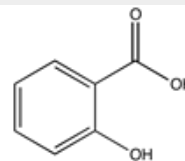


Identification

C₇H₆O₃
M = 138,12 g/mol
CAS [69-72-7]
EC number: 200-712-3
Taric code: 2918 21 00

**Synonyms**

2-Hydroxybenzoic acid

Applications

synthesis of organic products, manufacture of dyes, analytical chemistry, in pharma industry.

Specifications

assay (acidimetric, referred to dried sample).....	99,0 - 100,5 %	sulfates (SO ₄).....	max. 200 ppm
assay (HPLC, referred to dried sample).....	98,0 - 102,0 %	Related substances:	
Identification IR.....	passes test	4-Hydroxybenzoic acid.....	max. 0,1 %
Identification C (EP).....	passes test	4-Hydroxyisophthalic.....	max. 0,05 %
Identification B (USP).....	passes test	phenol.....	max. 0,02 %
melting point.....	158 - 161 °C	unspecified impurities.....	max. 0,05 %
appearance of solution	clear and colourless	total impurities.....	max. 0,2 %
chlorides (Cl).....	max. 100 ppm	residue on ignition.....	max. 0,05 %
		loss on drying (over silica gel, 3h).....	max. 0,5 %

Physical data

- Appearance: powder, white or almost white
- Spec. Density: 1,443 g/cm³
- Bulk density: ~ 400 - 500 kg/m³
- Solub. in water: (20 °C): 2 g/l
- Melting point: 158-161 °C
- Boiling point: 211 °C
- Flash point: 157 °C
- Ignition temperature: 500 °C
- Vapour pressure: (100 °C) < 1hPa
- pH(saturated solution H₂O, 20 °C) ~ 3

Safety - GHS

Signal Word: Danger

Hazard Statements:

- H302: Harmful if swallowed.
H318: Causes serious eye damage.
H361d: Suspected of damaging the unborn child.

**Precautionary Statements:**

- P280: Wear protective gloves / protective clothing / eye protection / face protection.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310: Immediately call a POISON CENTER or doctor / physician.
P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P405: Store locked up.
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- 10°C - 30°C