

Identification

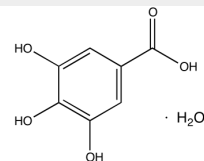
C₇H₆O₅·H₂O

M = 188,14 g/mol

CAS [5995-86-8]

EC number: 205-749-9

Taric code: 2918 29 00



Synonyms

3,4,5-Trihydroxybenzoic acid

Applications

analytical chemistry, photography, manufacture of dyes, cosmetics.

Specifications

assay (acidimetric)..... min. 99,5 %

identity (IR-spectrum)..... passes test

chlorides (Cl)..... max. 0,01 %

sulfates (SO₄)..... max. 0,005 %

loss on drying (105 °C)..... 7- 10 %

residue on ignition..... max. 0,1 %

Physical data

- Appearance: lumpy powder, cream
- Bulk density: ~ 500 kg/m³
- Solub. in water: (20 °C): ~ 15 g/l
- Melting point: 256 - 260 °C
- pH(saturated solution H₂O, 20 °C) 2 - 3

Safety - GHS

Signal Word: Warning

Hazard Statements:

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H335: May cause respiratory irritation.



Precautionary Statements:

P261: Avoid breathing dust / fume / gas / mist / vapours / spray.

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.

P321: Specific treatment (see on this label).

P405: Store locked up.

P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- 15°C - 25°C