

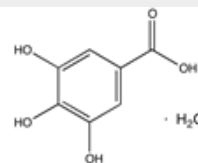
**Identification**C<sub>7</sub>H<sub>6</sub>O<sub>5</sub>·H<sub>2</sub>O

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 (SO<sub>4</sub>)..... 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/m<sup>3</sup>
- Solub. in water: (20 °C): ~ 15 g/l
- Melting point: 256 - 260 °C
- pH(saturated solution H<sub>2</sub>O, 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