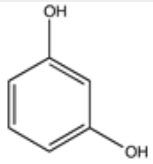
RE0083
Resorcinol, for analysis, ExpertQ®, Reag. Ph Eur

Identification

$C_6H_6O_2$
M = 110,11 g/mol
CAS [108-46-3]
EC number: 203-585-2
Taric code: 2907 21 00



Synonyms

1,3-Dihydroxybenzene

Applications

analytical chemistry, laboratory reagent (zinc), synthesis of organic products, cosmetics, manufacture of adhesives, manufacture of dyes, in the textile industry.

Specifications

assay (bromometric, referred to dried sample)	98,5 - 101,0 %
identity (IR-spectrum)	passes test
appearance of solution	passes test
acidity or alkalinity	passes test
chlorides (Cl)	max. 0,001 %
sulfates (SO_4)	max. 0,005 %
pyrocatechol	passes test
Related substances	passes test
residue on ignition	max. 0,1 %
loss on drying (over silica gel)	max. 1,0 %

Physical data

- Spec. Density: ~ 1,28 g/cm^3
- Bulk density: ~ 600 - 700 kg/m^3
- Solub. in water: (20 ºC): soluble
- Melting point: 109 - 111 ºC
- Boiling point: (20 hPa) 177 ºC
- Flash point: 127 ºC
- Ignition temperature: 605 ºC
- Vapour pressure: (20 ºC) 0,1 hPa
- pH(100 g/l H_2O, 20 ºC) ~ 4 - 6

Safety - GHS

Signal Word: Warning

Hazard Statements:

H400: Very toxic to aquatic life.
H302: Harmful if swallowed.
H315: Causes skin irritation.
H319: Causes serious eye irritation.

Precautionary Statements:

P280: Wear protective gloves / protective clothing / eye protection / face protection.
P273: Avoid release to the environment.
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).
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

- ADR: 6.1 T2 III • UN 2876 • RESORCINOL
- IMDG: 6.1 III • UN 2876 • RESORCINOL
- IATA/ICAO: 6.1 III • UN 2876 • RESORCINOL
- PAX: 655
- CAO: 619
- 10°C - 30°C