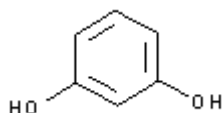


PRODUCT CODE: 141603

Resorcinol (USP, BP, Ph. Eur.) pure, pharma grade

C₆H₆O₂

C₆H₆O₂



M.= 110,11

CAS [108-46-3]

EINECS 203-585-2

TARIC 2907 21 00 10

SYNONYMS: 1,3-Benzenediol, 1,3-Dihydroxybenzene

PHYSICAL DATA: White crystals or flakes, turns quickly from pink to blue-grey on exposure to air and light, Soluble in water 1.000 g/l at 20 °C Thermal decom. above 281 °C • D 1,272 • M.P.: 110 °C • B.P.: 281 °C • pH4 - 6 • Flash P.:127 °C • Ign. T.:605 °C • Vap. press. (108 °C) 1 hPa •

BIBLIOGRAPHY: Merck Index **12**, 8.323 13, 8.240 Sax **REA000** • Safety **2** , **3043 B** • Römp **8** , **3563** • Kühn-Birett **R 1** • Ullmann **(4.)20** , 189 • Beilstein **6** , **796 I** , **398 II** , **802 III** , **4292 IV** , **5658** • BRN 906905 • ACS **XI** • BP.**2025** • USP **43** • Ph. Eur. **10.0** (2019) **11.0** (2023) •

HAZARDOUS: C.E: 604-010-00-1 • RTECS: VG 9625000 • LD L0 oral man 29 mg/kg • LD L0 oral hmn 29 mg/kg • LD50 oral rat 301 mg/kg • LD50 skn rbt 3.360 mg/kg • LD50 ipr mus 215 mg/kg VLA-EC 20 ppm92 mg/m3 VLA-ED 10 ppm46 mg/m3



H: H302 • H319 • H315 • H400 •

P: P264 • P270 • P273 • P280 • P301+P312 • P501 • P302+P352 • P305+P351+P338 • P321 • P330 • P332+P313 • P337+P313 • P362 • P391 •

TRANSPORT REGULATIONS: UN: 2876 • ADR: 6.1/III • IMDG: 6.1/III • IATA: 6.1/III • PAX: 670 • CAO: 677 • (E) •

OBSERVATIONS: Storage away from direct light. •

SPECIFICATIONS:

Assay (calc. a.d.s.)	99,0-100,5%
Identity :	
Identity according to Pharmacopoeias:	passes test
Melting range	109-111°C

Maximum limit of impurities

Appearance of solution	passes test
Acidity or alkalinity	passes test
Insoluble matter in H ₂ O	0,01 %
Loss on drying	1,0%
Residue on ignition (as SO ₄)	0,05 %
Residual solvents (Ph.Eur/USP)	passes test
Ordinary impurities	0,5%
Phenol	passes test
Pyrocatechol	passes test

Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)

Class 1A (Pt, Pd)	10 ppm
Class 1B (Ir, Rh, Ru, Os)	10 ppm
Class 1C (Mo, Ni, Cr, V)	25 ppm
Class 2 (Cu, Mn)	250 ppm
Class 3 (Fe, Zn)	1.300 ppm