



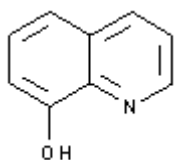
**PRODUCT CODE: 131352**

**8-Hydroxyquinoline (Reag. Ph. Eur.) for analysis, ACS**

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C<sub>9</sub>H<sub>7</sub>NO

C<sub>9</sub>H<sub>7</sub>NO



M.= 145,16

CAS [148-24-3]

EINECS 205-711-1

TARIC 2933 49 90 90

**SYNONYMS:** 8-Quinolinol, Oxine

**PHYSICAL DATA:** crystals, White, Soluble in water 2,2 g/l at 60 °C M.P.: 75 °C • B.P.: 267 °C • Vap. press. (100 °C) 4,7 hPa •

**BIBLIOGRAPHY:** Merck Index **12**, 4.890 13, 4.869 Sax **QPA000** • Safety **2** , **1960 C** • Römp **8** , **1802** • Ullmann **(5.)14** , 140 • Beilstein **21** , **91 I** , **221 II** , **55 III/IV**, **1135** • BRN 114512 • ACS **XI** •

**HAZARDOUS:** RTECS: VC 4200000 • LD50 oral mus 20.000 mg/kg • LD50 oral rat 1.200 mg/kg • LD50 ipr mus 43 mg/kg



H: H332 • H302 •

P: P261 • P264 • P270 • P271 • P301+P312 • P501 • P304+P340 • P312 • P330 •

**TRANSPORT REGULATIONS:** UN: 2811 • ADR: 6.1/III • IMDG: 6.1/III • IATA: 6.1/III • PAX: 670 • CAO: 677 • (E) •

**SPECIFICATIONS:**

Minimum assay (G.C.)	99,0%
Identity :	
Identity	IR passes test
Suitability: for Mg determination	passes test
Melting range	72,5-74,0°C

**Maximum limit of impurities**

Insoluble matter in C <sub>2</sub> H <sub>5</sub> OH	0,05 %
Residue on ignition (as SO <sub>4</sub> )	0,05 %
Chloride (Cl)	0,005%
Sulfate (SO <sub>4</sub> )	0,01%
Water (H <sub>2</sub> O)	0,2 %
Cu	0,001 %
Fe	0,001 %
Mg	0,005 %
Ni	0,001 %
Pb	0,001 %

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Prod.: 131352