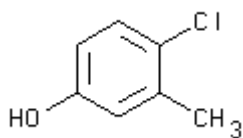


**PRODUCT CODE: 145226**

**4-Chloro-3-Methylphenol (USP-NF, BP, Ph. Eur.) pure, pharma grade**

C<sub>7</sub>H<sub>7</sub>ClO

C<sub>7</sub>H<sub>7</sub>ClO



M.= 142,58

CAS [59-50-7]

EINECS 200-431-6

TARIC 2908 19 00 90

**SYNONYMS:** 2-Chloro-5-Hydroxytoluene, 4-Chloro-m-Cresol, Chlorocresol

**PHYSICAL DATA:** Crystalline powder or compact crystalline masses, supplied as pellets, White, Soluble in water 3,8 g/l at 20 °C M.P.: 66 °C • B.P.: 235 °C • Flash P.: 118 °C • Ign. T.: 590 °C •

**BIBLIOGRAPHY:** Merck Index **12**, 2.184 13, 2.152 Sax **CFE250** • Ullmann **(5.)7**, 3 • Beilstein **6**, **381 I**, **187 II**, **355 III**, **1315 IV**, **2064** • BRN 1237629 • BP.**2025** • USP **43** • Ph. Eur. **10.0** (2019) **11.0** (2023) • Royal Decree **I699** •

**HAZARDOUS:** C.E: 604-014-00-3 • RTECS: GO 7100000 •



H: H314 • H302 • H317 • H335 • H400 • H412 •

P: P261 • P264 • P270 • P272 • P273 • P280 • P301+P312 • P302+P352 • P305+P351+P338 • P310 • P312 • P321 • P322 • P330 • P333+P313 • P363 • P391 • P501 •

**TRANSPORT REGULATIONS:** UN: 3437 • ADR: 6.1/II • IMDG: 6.1/II • IATA: 6.1/II • PAX: 669 • CAO: 676 • (D/E) •

**OBSERVATIONS:** Storage away from direct light. •

**SPECIFICATIONS:**

Assay

99,0-101,0 %

Identity :

Identity according to Pharmacopoeias:	passes test
Melting range	64-66°C

**Maximum limit of impurities**

Appearance of solution	passes test
Acidity	passes test

Insoluble matter in CH <sub>3</sub> CH <sub>2</sub> OH	passes test
Non-volatile matter	0,1 %
Residual solvents (Ph.Eur/USP)	passes test
Related substances (G.C.)	
Individual	0,10%
Total	1%

Elemental impurities (ICH Q3D):

Class 1	
Cd	0.5 ppm
Pb	0.5 ppm
As	1.5 ppm
Hg	1.5 ppm

Class 2A	
Co	5 ppm
V	10 ppm
Ni	20 ppm

Class 2B	
Tl	1 ppm
Au	10 ppm
Pd	10 ppm
Ir	10 ppm
Os	10 ppm
Rh	10 ppm
Ru	10 ppm
Se	15 ppm
Ag	15 ppm
Pt	10 ppm

Class 3	
Li	55 ppm
Sb	120 ppm
Ba	140 ppm
Mo	25 ppm
Cu	250 ppm
Sn	600 ppm
Cr	25 ppm