

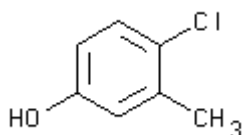


PRODUCT CODE: 145226

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

C₇H₇ClO

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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.**2020** · USP **42** · Ph. Eur. **9.0** (2017) **10.0** (2020) · 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	64-66C

Maximum limit of impurities

Appearance of solution	passes test
Acidity	passes test

Insoluble matter in CH ₃ CH ₂ 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