

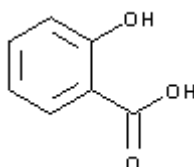


PRODUCT CODE: 141045

Salicylic Acid (USP, BP, Ph. Eur.) pure, pharma grade

$C_7H_6O_3$

$C_6H_4(OH)COOH$



M.= 138,12 CAS [69-72-7] EINECS 200-712-3

TARIC 2918 21 00 00

SYNONYMS: 2-Hydroxybenzoic Acid

PHYSICAL DATA: crystalline powder, White, Soluble in water 1,8 g/l at 20 C D 1,443 · M.P.: 159 C · B.P.: 211 C 27 hPa · pH3 · Flash P.:157 C · Ign. T.:570 C · Vap. press. (114 C) 1,3 hPa ·

BIBLIOGRAPHY: Merck Index **13**, 8.411 14, 8.332 Sax **SAI000** · Safety **2** , **3065 D** · K?hn-Birett **S 1** · Ullmann **(4.)20** , 299 · Beilstein **10** , **43 I** , **20 II** , **25 III** ,**87 IV** , **125** · BRN 774890 · ACS **XI** · BP.**2020** · USP **42** · Ph. Eur. **9.0** (2017) 5.1 , 3007 **10.0** (2020) 5.1 , 3007 ·

HAZARDOUS:RTECS: VO 5250000 · LD50 oral mus 480 mg/kg · LD50 oral rat 891 mg/kg · LD50 ipr mus 300 mg/kg



H: H302 · H318 · H361d ·

P: P264 · P270 · P280 · P301+P312 · P305+P351+P338 · P501 · P330 · P337+P313 ·

OBSERVATIONS: Storage away from direct light. ·

SPECIFICATIONS:

Assay (Acidim.) calc. a.d.s.	99,5-100,5 %
Assay (HPLC.) calc. a.d.s.	98,0-102,0 %
Identity :	
Identity according to Pharmacopoeias:	passes test
Melting range	159-161C

Maximum limit of impurities

Appearance of solution	passes test
Insoluble matter in C ₂ H ₅ OH	passes test
Darkened substances by H ₂ SO ₄	passes test
Loss on drying	0,5%
Residue on ignition (as SO ₄)	0,05 %
Chloride (Cl)	0,01%
Sulfate (SO ₄)	0,02%
Residual solvents (Ph.Eur/USP)	passes test
Related substances:	
Total impurities	0,2 %
Unspecified impurities	0,05 %
4-Hydroxybenzoic Acid	0,1 %
4-Hydroxyisophthalic Acid	0,05 %
Phenol	0,02 %
Heavy metals (as Pb)	0,002%
Cu	0,0005 %
Fe	0,0005 %
Ni	0,0005 %
Pb	0,0005 %

Residual metals (according to EMEA/CHMP/SWP/4446/2000): No metal catalysts are used in the manufacturing process.