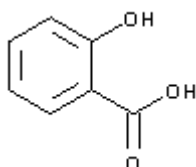
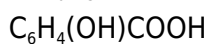
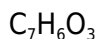


**PRODUCT CODE: 141045****Salicylic Acid (USP, BP, Ph. Eur.) pure, pharma grade**



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** • Kühn-Birett **S 1** • Ullmann **(4.)20** , 299 • Beilstein **10** , **43 I** , **20 II** , **25 III** ,**87 IV** , **125** • BRN 774890 • ACS **XI** • BP.**2018** • USP **41** • Ph. Eur. **8.0** (2014) 5.1 , 3007 **9.0** (2017) 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 • H319 •

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	159-161°C

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%
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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.