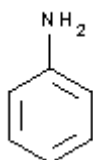


**PRODUCT CODE: 131156****Aniline (Reag. Ph. Eur.) for analysis, ACS**C₆H₇NC₆H₅NH₂

M.= 93,13

CAS [62-53-3]

EINECS 200-539-3

TARIC 2921 41 00 10

SYNONYMS: Benzenamine, Phenylamine

PHYSICAL DATA: liquid, Clear, Colourless to yellowish, Soluble in water 34 g/l at 20 °C D 20/4 1,0217 • M.P.: -6,3 °C • B.P.: 184 °C • pH(36g/l)8,8 • n₂₀/D : 1,5863 • Flash P.:76 °C • Ign. T.:530 °C • Vap. press. (20 °C) 3 hPa • D. M. 20 °C 1,55 Debye • Dielec. constant20 °C 6,8 • Heat evap. 184 °C 508 KJ/Kg • Satur. conc. 20 °C 2 g/m³ • Expl. limit1,3 %(V)11 %(V) •

BIBLIOGRAPHY: Merck Index **12**, 696 13, 661 Sax **AOQ000** • Safety **2** , **270 A** • Kühn-Birett **A 73** • Ullmann **(5.)2** , 303 • Beilstein **12** , **59 I** , **131 II** , **44 III** ,**217 IV** , **223** • BRN 605631 • Fieser **621** • ACS **XI** •

HAZARDOUS: C.E: 612-008-00-7 • RTECS: BW 6650000 • LD L0 oral rbt 500 mg/kg • LD50 oral rat 250 mg/kg • LC L0 rat 250ppm / 4h • LC50 inh mus 175 ppm / 4h • LC50 inh rat 250 ppm / 4h • LD50 skn rbt 820 mg/kg • LD50 skn rat 1.400 mg/kg • VLA-ED 2 ppm7,7 mg/m³



H: H331 • H311 • H301 • H351 • H318 • H317 • H372 • H341 • H400 •

P: P201 • P202 • P260 • P261 • P264 • P501 • P270 • P271 • P272 • P273 • P280 • P281 • P301+P310 • P302+P352 • P304+P340 • P305+P351+P338 • P308+P313 • P310 • P311 • P312 • P314 • P321 • P322 • P330 • P333+P313 • P361 • P363 • P391 • P403+P233 • P405 •

TRANSPORT REGULATIONS: UN: 1547 • ADR: 6.1/II • IMDG: 6.1/II • IATA: 6.1/II • PAX: 654 • CAO: 662 • (D/E) •

WEIGHT/VOLUME INFORMATION: 1l~1,022 kg 1kg~0,978 l

SPECIFICATIONS:

Minimum assay (G.C.)	99,5%
Identity :	
Identity	IR passes test
Density at 20/4	1,021-1,023

Maximum limit of impurities

APHA colour	250
Residue on ignition	0,005 %
Nitrobenzene (G.C.)	0,001%
Chlorobenzene (G.C.)	0,01%
Hydrocarbons	passes test
Water (H ₂ O)	0,1 %

Ca	0,00005 %
Cd	0,000005 %
Co	0,000002 %
Cr	0,000002 %
Cu	0,000002 %
Fe	0,00001 %
Mg	0,00001 %
Mn	0,000002 %
Ni	0,000002 %
Pb	0,00001 %
Zn	0,00001 %

Ed.: 3 . Vig.: 15.01.2011 .

Prod.: 131156