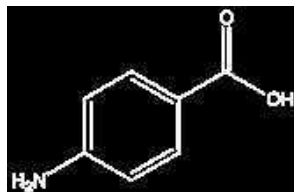


4-AMINOBENZOIC ACID

AC0415 4-Aminobenzoic acid, EssentQ®



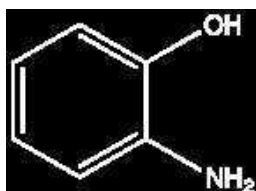
- Synonyms: p-Aminobenzoic acid, PABA
- $C_7H_7NO_2$
- M = 137,14 g/mol
- CAS [150-13-0]
- EINECS-No.: 205-753-0
- Solub. in water: (20 °C): 4,7 g/l
- Melting point: 186 - 189 °C
- LD 50 (oral, rat): > 6000 mg/kg
- Tariff number: 2922 49 95 90
- Applications: synthesis of organic products, manufacture of dyes.

assay (acidimetric) min. 99 %
identity (IR-spectrum) passes test
residue on ignition max. 0,1 %
loss on drying (105°C) max. 0,2 %

ART. NO.	VOLUME	CONTAINER
AC04150250	250 g	☒
AC04151000	1 kg	☒

2-AMINOPHENOL

AM0210 2-Aminophenol, EssentQ®



- Synonyms: 2-Amino-1-hydroxybenzene, 2-Hydroxyaniline, o-Aminophenol
- C_6H_7NO
- M = 109,13 g/mol
- CAS [95-55-6]
- EINECS-No.: 202-431-1
- Solub. in water: (20 °C): 17 g/l
- Melting point: 172 -174 °C (sublimes)
- Flash pt. 168 °C
- Vapour pressure: (153 °C) 14 hPa
- LD 50 (oral, rat): 1300 mg/kg
- EC-Index-No.: 612-033-00-3
- ADR: 6.1 T2 III UN 2512
- IMDG: 6.1 III UN 2512
- IATA/ICAO: 6.1 III UN 2512
- GHS-signal word: Warning
- GHS-H sentences: H341 - H302 - H332
- GHS-P sentences: P261 - P281 - P304 + P340 - P308 + P313 - P405 - P501a
- Tariff number: 2922 29 00 90
- Applications: synthesis of organic products, manufacture of dyes, in the textile industry.

assay (titration with $HClO_4$) min. 99 %
identity (IR-spectrum) passes test

ART. NO.	VOLUME	CONTAINER
AM02100100	100 g	☒

AMMONIA, SOLUTION 32%

AM0251 Ammonia, solution 32% w/w, EssentQ®

- Synonyms: Ammonia water, Ammonium hydroxide solution
- NH_3
- M = 17,03 g/mol
- CAS [1336-21-6]
- EINECS-No.: 215-647-6
- Density: 0,89 g/cm³
- Melting point: -91,5 °C
- Boiling point: 24,7 °C
- Vapour pressure: (20 °C) ~ 837 hPa
- LD 50 (oral, rat): 350 mg/kg
- EC-Index-No.: 007-001-01-2
- ADR: 8 C5 III UN 2672
- IMDG: 8 III UN 2672
- IATA/ICAO: 8 III UN 2672
- GHS-signal word: Danger
- GHS-H sentences: H314 - H400 - H335
- GHS-P sentences: P260 - P303 + P361 + P353 - P305 + P351 + P338 - P321 - P405 - P501a
- Tariff number: 2814 20 00 00
- Applications: analytical chemistry, laboratory reagent, for ammonium salts synthesizing.

assay (acidimetric, NH_3) min. 30,0 %
density (20°/20°) about 0,892
carbonates (as CO_2) max. 0,005 %
chlorides (Cl) max. 5 ppm
phosphates (as PO_4) max. 5 ppm
sulfates (SO_4) max. 0,001 %
calcium (Ca) max. 0,001 %
copper (Cu) max. 0,5 ppm
iron (Fe) max. 1 ppm
lead (Pb) max. 1 ppm
magnesium (Mg) max. 0,001 %
nickel (Ni) max. 1 ppm
zinc (Zn) max. 1 ppm
substances reducing $KMnO_4$ passes test
residue on ignition max. 0,002 %

ART. NO.	VOLUME	CONTAINER
AM02511000	1 l	☒
AM02512500	2,5 l	☒

A
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X
Y
Z