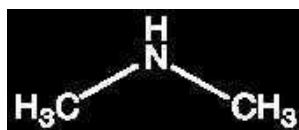


DIMETHYLAMINE, SOLUTION 40%

DI0870 Dimethylamine, solution 40% in water, w/w, EssentQ®



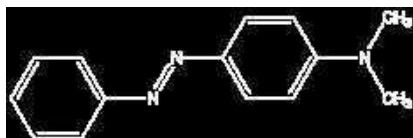
- Synonyms: N-Methylmethanamine
- C₂H₇N
- M = 45,09 g/mol
- CAS [124-40-3]
- EINECS-No.: 204-697-4
- Density: 0,89 g/cm³
- Melting point: -37 °C
- Boiling point: 54 °C
- Flash pt. -18 °C
- Ignition temp.: 415 °C
- Vapour pressure: (20 °C) 263 hPa
- Refraction index: (n 20 °C/D) 1,3700
- LD 50 (oral, rat): 698 mg/kg (pure substance)
- EC-Index-No.: 612-001-00-9
- ADR: 3 FC II UN 1160
- IMDG: 3 II UN 1160
- IATA/ICAO: 3 II UN 1160
- GHS-signal word: Danger
- GHS-H sentences: H225 - H318 - H302 - H335 - H315
- GHS-P sentences: P210 - P241 - P303 + P361 + P353 - P305 + P351 + P338 - P405 - P501a
- Tariff number: 2921 11 00 00
- Applications: analytical chemistry, in the rubber industry, cosmetics, detergent, laboratory reagent (magnesium).
- Appearance: Colourless clear liquid

assay (acidimetric) approx. 40 %

ART. NO.	VOLUME	CONTAINER
DI08701000	1 l	0

4-(DIMETHYLAMINO)-AZOBENZENE

DI0900 4-(Dimethylamino)-azobenzene, ExpertQ®, for analysis



- Synonyms: Methyl yellow, Dimethyl yellow, Solvent yellow 2
- C₁₄H₁₅N₃
- M = 225,30 g/mol
- CAS [60-11-7]
- EINECS-No.: 200-455-7
- Solub. in water: (20 °C): almost insoluble
- Melting point: 113 - 117 °C
- LD 50 (oral, rat): 200 mg/kg
- ADR: 6.1 T2 III UN 2811
- IMDG: 6.1 III UN 2811
- IATA/ICAO: 6.1 III UN 2811
- GHS-signal word: Danger
- GHS-H sentences: H301 - H351 - H317
- GHS-P sentences: P261 - P280 - P281 - P321 - P405 - P501a
- Tariff number: 2927 00 00 90
- Applications: indicator, analytical chemistry.
- Appearance: Orange-orange brown powder

identity (IR-spectrum) passes test
pH range (red to yellow) 3,0 - 4,0
Absorption max λ₁ (buffer pH 3,0) 508 - 511 nm
Absorption max λ₂ (buffer pH 4,0) 455 - 460 nm
Absorption max λ₃ (ethanol) 403 - 407 nm
Absorptivity (A1%/1 cm; λ₃, 0,0005%; ethanol, on dried sample) 1100 - 1300
loss on drying (105 °C). max. 5 %

ART. NO.	VOLUME	CONTAINER
DI09000010	10 g	0
DI09000100	100 g	0

4-(DIMETHYLAMINO)-BENZALDEHYDE



- Synonyms: p-Formyldimethylaniline, Ehrlich's reagent
- C₉H₁₁NO
- M = 149,19 g/mol
- CAS [100-10-7]
- EINECS-No.: 202-819-0
- Solub. in water: (20 °C): 0,3 g/l
- Melting point: 72 - 75 °C
- Boiling point: (23 hPa) 176 - 177 °C

- Flash pt. > 100 °C
- LD 50 (oral, rat): > 6400 mg/kg
- GHS-signal word: Warning
- GHS-H sentences: H302
- GHS-P sentences: P264 - P270 - P330 - P301 + P312 - P501a
- Tariff number: 2922 39 00 90
- Applications: analytical chemistry, manufacture of dyes and for pharmaceutical use.

DI0935 4-(Dimethylamino)-benzaldehyde, EssentQ®



assay (G.C.) min. 98 %
identity (IR-spectrum) passes test
residue on ignition max. 0,2 %

ART. NO.	VOLUME	CONTAINER
DI09350100	100 g	0

ART. NO.	VOLUME	CONTAINER
DI09350250	250 g	0