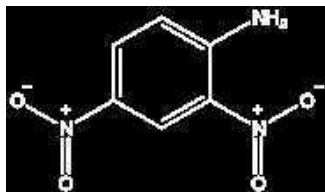


2,4-DINITROANILINE

DI1155 2,4-Dinitroaniline, EssentQ®



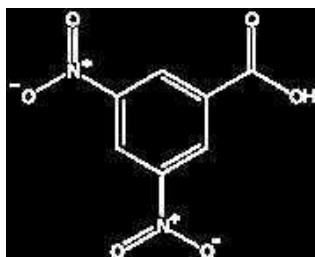
- Synonyms: 2,4-Dinitrobenzenamine
- $C_6H_5N_3O_4$
- $M = 183,12 \text{ g/mol}$
- CAS [97-02-9]
- EINECS-No.: 202-553-5
- Solub. in water: (20 °C): 1 g/l
- Melting point: 177 - 180 °C
- Flash pt. 224 °C
- Vapour pressure: (20 °C) 13 hPa
- LD 50 (oral, rat): 285 mg/kg
- EC-Index-No.: 612-040-00-1
- ADR: 6.1 T2 II UN 1596
- IMDG: 6.1 II UN 1596
- IATA/ICAO: 6.1 II UN 1596
- GHS-signal word: Danger
- GHS-H sentences: H300 - H310 - H330 - H373 - H411
- GHS-P sentences: P260 - P284 - P320 - P361 - P405 - P501a
- Tariff number: 2921 42 10 90
- Applications: synthesis of organic products and manufacture of dyes.

assay (G.C.)min. 99 %
 identity (IR-spectrum)passes test
 residue on ignitionmax. 0,05 %

ART. NO.	VOLUME	CONTAINER
DI11550025	25 g	0
DI11550100	100 g	0

3,5-DINITROBENZOIC ACID

AC0890 3,5-Dinitrobenzoic acid, EssentQ®

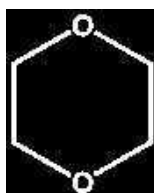


- $C_7H_4N_2O_6$
- $M = 212,12 \text{ g/mol}$
- CAS [99-34-3]
- EINECS-No.: 202-751-1
- Solub. in water: (20 °C): sparingly soluble
- Melting point: 205 - 207 °C
- GHS-signal word: Warning
- GHS-H sentences: H319 - H335
- GHS-P sentences: P261 - P280 - P305 + P351 + P338 - P304 + P340 - P405 - P501a
- Tariff number: 2916 39 00 90
- Applications: for the identification of: alcohols, alkyl halides; chromatography, synthesis of organic products.

assay (acidimetric)min. 99 %
 identity (IR-spectrum)passes test
 heavy metals (as Pb)max. 0,001 %
 residue on ignitionmax. 0,02 %

ART. NO.	VOLUME	CONTAINER
AC08900250	250 g	0

1,4-DIOXANE



- Synonyms: Glycoethylether, 1,4-Diethylene dioxide, 1,4-Dioxacyclohexane
- $C_4H_8O_2$
- $M = 88,11 \text{ g/mol}$
- CAS [123-91-1]
- EINECS-No.: 204-661-8
- Density: 1,03 g/cm³
- Solub. in water: (20 °C): miscible
- Melting point: 12 °C
- Boiling point: 101,5 °C
- Flash pt. 11 °C
- Ignition temp.: 300 °C
- Vapour pressure: (20 °C) 41 hPa

- Dielectric const.: (25 °C) 2,2
- LD 50 (oral, rat): 5200 mg/kg
- EC-Index-No.: 603-024-00-5
- ADR: 3 F1 II UN 1165
- IMDG: 3 II UN 1165
- IATA/ICAO: 3 II UN 1165
- GHS-signal word: Danger
- GHS-H sentences: H225 - H351 - H319 - H335 - EUH019 - EUH066
- GHS-P sentences: P210 - P241 - P303 + P361 + P353 - P305 + P351 + P338 - P405 - P501a
- Tariff number: 2932 99 00 90
- Applications: solvents, analytical chemistry.

DI1287 1,4-Dioxane, EssentQ®, stabilized with 2,5 ppm of 2,6-Di-tert-butyl-4-methylphenol (BHT)



assay (G.C.)min. 99 %
 identity (IR-spectrum)passes test
 density (20°/4°)1,032 - 1,034
 aciditymax. 0,001 meq/g
 copper (Cu)max. 0,2 ppm
 iron (Fe)max. 0,5 ppm
 lead (Pb)max. 0,2 ppm

nickel (Ni)max. 0,2 ppm
 acetal (G.C.)max. 0,1 %
 acetaldehyde (G.C.)max. 0,01 %
 carbonyl compounds (as HCHO)max. 0,1 %
 peroxides (as H₂O₂)max. 0,005 %
 residue on evaporationmax. 0,002 %
 water (K.F.)max. 0,1 %

ART. NO.	VOLUME	CONTAINER
DI12871000	1 l	0
DI12872500	2,5 l	0
DI1287005L	5 l	0
DI1287025A	25 l	0