

NITRIC ACID, VOLUMETRIC SOLUTIONS

AC1612 Nitric acid, solution 2 mol/l (2 N)



- HNO₃
- M = 63,01 g/mol
- CAS [7697-37-2]
- EINECS-No.: 231-714-2
- Density: ~ 1,07 g/cm³
- EC-Index-No.: 007-004-00-1
- ADR: 8 C1 II UN 2031
- IMDG: 8 II UN 2031
- IATA/ICAO: 8 II UN 2031
- GHS-signal word: Danger
- GHS-H sentences: H272 - H314
- GHS-P sentences: P221 - P210 - P303 + P361 + P353 - P305 + P351 + P338 - P405 - P501a

- Tariff number: 2808 00 00 00
 - Applications: analytical chemistry, titrant in volumetric analysis, oxidizing agent.
- factor 0,999 - 1,001
uncertainty ± 0,001
1 ml = 0,12602 g HNO₃
This volumetric solution was checked by means of potentiometric methods using Scharlau's tris(hydroxymethyl)- aminomethane volumetric standard. Scharlau's volumetric standards are directly traceable to the Standard Reference Materials from NIST (National Institute of Standards and Technology, USA).

ART. NO.	VOLUME	CONTAINER
AC16121000	1 l	Ⓜ

AC1610 Nitric acid, solution 1 mol/l (1 N)



- HNO₃
- M = 63,01 g/mol
- CAS [7697-37-2]
- EINECS-No.: 231-714-2
- Density: 1,036 g/cm³
- Melting point: ~ -4 °C
- Boiling point: ~ 101 °C
- EC-Index-No.: 007-004-00-1
- ADR: 8 C1 II UN 2031
- IMDG: 8 II UN 2031
- IATA/ICAO: 8 II UN 2031
- GHS-signal word: Danger
- GHS-H sentences: H314 - H272
- GHS-P sentences: P221 - P210 - P303 + P361 + P353 - P305 + P351 + P338 - P405 - P501a

- Tariff number: 2808 00 00 00
 - Applications: analytical chemistry, titrant in volumetric analysis, oxidizing agent.
- factor 0,999 - 1,001
uncertainty ± 0,001
1 ml = 0,06301 g HNO₃
This volumetric solution was checked by means of potentiometric methods using Scharlau's tris(hydroxymethyl)- aminomethane volumetric standard. Scharlau's volumetric standards are directly traceable to the Standard Reference Materials from NIST (National Institute of Standards and Technology, USA).

ART. NO.	VOLUME	CONTAINER
AC16101000	1 l	Ⓜ

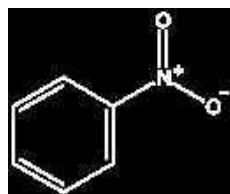
AC1611 Nitric acid, solution 0,1 mol/l (0,1 N)

- HNO₃
- M = 63,01 g/mol
- CAS [7697-37-2]
- EINECS-No.: 231-714-2
- Density: ~ 1,002 g/cm³
- EC-Index-No.: 007-004-00-1
- Tariff number: 2808 00 00 00
- Applications: analytical chemistry, titrant in volumetric analysis, oxidizing agent.

- factor 0,999 - 1,001
uncertainty ± 0,001
1 ml = 0,006301 g HNO₃
This volumetric solution was checked by means of potentiometric methods using Scharlau's tris(hydroxymethyl)- aminomethane volumetric standard. Scharlau's volumetric standards are directly traceable to the Standard Reference Materials from NIST (National Institute of Standards and Technology, USA).

ART. NO.	VOLUME	CONTAINER
AC16111000	1 l	Ⓜ

NITROBENZENE



- Synonyms: Nitrobenzol, Essence of mirbane
- C₆H₅NO₂
- M = 123,11 g/mol
- CAS [98-95-3]
- EINECS-No.: 202-716-0
- Density: 1,20 g/cm³
- Solub. in water: (20 °C): 1,90 g/l
- Melting point: 6,0 °C
- Boiling point: 211 °C
- Flash pt. 88 °C
- Ignition temp.: 480 °C
- Vapour pressure: (20 °C) 0,3 hPa
- Refraction index: (n 20 °C/D) 1,55296
- Dielectric const.: (20 °C) 34,8

- LD 50 (oral, rat): 640 mg/kg
- EC-Index-No.: 609-003-00-7
- ADR: 6.1 T1 II UN 1662
- IMDG: 6.1 II UN 1662
- IATA/ICAO: 6.1 II UN 1662
- GHS-signal word: Danger
- GHS-H sentences: H301 - H311 - H331 - H372 - H351 - H361f - H411
- GHS-P sentences: P260 - P261 - P361 - P321 - P405 - P501a
- Tariff number: 2904 20 00 90
- Applications: synthesis of organic products, cosmetics, in lubricant compositions.

NI0270 Nitrobenzene, EssentQ®



assay (G.C.) min. 99 %
identity (IR-spectrum) passes test
density (20°/4°) 1,201 - 1,205

free acid (as HNO₃) max. 0,005 %
water (K.F.) max. 0,05 %

ART. NO.	VOLUME	CONTAINER
NI02701000	1 l	Ⓜ