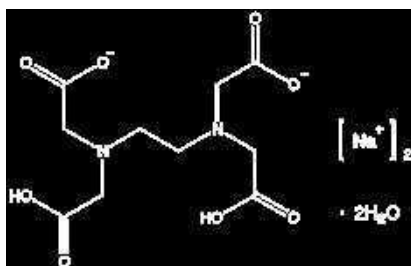


AC0971 Ethylenediaminetetraacetic acid, EDTA, disodium salt, solution 0,01 mol/l (0,02 N)



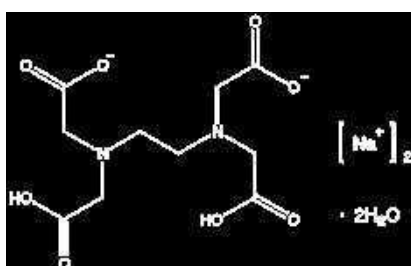
- $C_{10}H_{14}N_2Na_2O_8 \cdot 2H_2O$
- $M = 372,24 \text{ g/mol}$
- CAS [6381-92-6]
- EINECS-No.: 205-358-3
- Density: 0,996 g/cm<sup>3</sup>
- Tariff number: 2922 49 95 90
- Applications: analytical chemistry, sequestering agent, for metals titration.

factor . . . . . 0,999 - 1,001  
uncertainty  $\pm 0,001$

This volumetric solution was checked by means of potentiometric methods using a zinc sulfate standard solution, that was also checked against Scharlau's calcium carbonate 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
AC09711000	1 l	
AC0971005P	5 l	
AC0971010C	10 l	

AC0996 Ethylenediaminetetraacetic acid, EDTA, disodium salt, concentrated solution to prepare 1 l of solution 0,1 mol/l (0,2N)



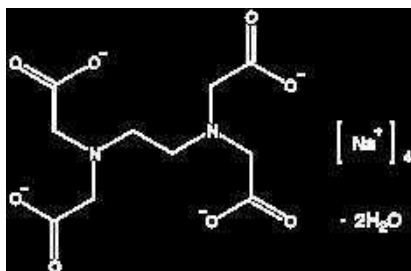
- $C_{10}H_{14}N_2Na_2O_8 \cdot 2H_2O$
- $M = 372,24 \text{ g/mol}$
- CAS [6381-92-6]
- EINECS-No.: 205-358-3
- Density:  $\sim 1,14 \text{ g/cm}^3$
- Solub. in water: (20 °C): miscible
- Tariff number: 2922 49 95 90
- Applications: analytical chemistry, sequestering agent, for metals titration.

amount of substance: 33,620 g  $[CH_2N(CH_2COOH)CH_2COONa]_2$   
37,224 g  $[CH_2N(CH_2COOH)CH_2COONa]_2$   
concentrated solution . . . . . 1 mol/l  $\pm 0,1 \%$

ART. NO.	VOLUME	CONTAINER
AC099600PA	u.	

**ETHYLENEDIAMINETETRAACETIC ACID, EDTA, TETRASODIUM SALT, DIHYDRATE**

AC0975 Ethylenediaminetetraacetic acid, EDTA, tetrasodium salt, dihydrate, EssentQ®



- Synonyms: Edetic acid tetrasodium salt, Tetrasodium ethylenediaminetetraacetate
- $C_{10}H_{12}N_2Na_4O_8 \cdot 2H_2O$
- $M = 416,21 \text{ g/mol}$
- CAS [10378-23-1]
- EINECS-No.: 200-573-9
- Solub. in water: (20 °C): soluble
- GHS-signal word: Warning
- GHS-H sentences: H315 - H319 - H335
- GHS-P sentences: P261 - P280 - P305 + P351 + P338 - P321 - P405 - P501a
- Tariff number: 2922 49 95 90
- Applications: synthesis of organic products, analytical chemistry, titrant in volumetric analysis.

assay (complexometric, referred to dried sample) . . . . . min. 98 %  
pH (5 %, H<sub>2</sub>O) . . . . . 10,5 - 12  
water (K.F.). . . . . 7 - 10 %

ART. NO.	VOLUME	CONTAINER
AC09750500	500 g	
AC09751000	1 kg	

**ETHYLENE GLYCOL**



- Synonyms: 1,2-Ethandiol, Glycol
- $C_2H_6O_2$
- $M = 62,07 \text{ g/mol}$
- CAS [107-21-1]
- EINECS-No.: 203-473-3
- Density: 1,11 g/cm<sup>3</sup>
- Solub. in water: (20 °C): 1000 g/l miscible
- Melting point: -13 °C
- Boiling point: (1013 hPa) 197 °C
- Flash pt. 111 °C
- Ignition temp.: 410 °C

- Vapour pressure: (20°C) 0,053 hPa
- Dielectric const.: (25 °C) 37,7
- LD 50 (oral. rat): 4700 mg/kg
- EC-Index-No.: 603-027-00-1
- GHS-signal word: Warning
- GHS-H sentences: H302
- GHS-P sentences: P264 - P270 - P330 - P301 + P312 - P501a
- Tariff number: 2905 31 00 00
- Applications: analytical chemistry, solvents (in biochemistry), synthesis of organic products.