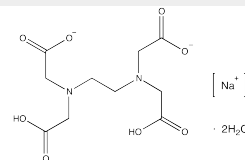


**Ethylenediaminetetraacetic acid, EDTA, disodium salt, dihydrate, extra pure, Pharmpur<sup>®</sup>, Ph Eur, BP, USP**
**Identification**

$C_{10}H_{14}N_2Na_2O_8 \cdot 2H_2O$   
 M = 372,24 g/mol  
 CAS [6381-92-6]  
 EC number: 205-358-3  
 Taric code: 2922 49 95


**Synonyms**

Edetic acid disodium salt, Disodium dihydrogen ethylenediaminetetraacetate





**Applications**

analytical chemistry, sequestering agent, in pharma industry.

**Specifications**

assay (complexometric, referred to dried sample).....	99 - 101 %	nitrilotriacetic acid [(HOCOCH <sub>2</sub> ) <sub>3</sub> N].....	max. 0,1 %
identification.....	passes test	loss on drying (150°C, 6 h).....	8,7 - 11,4 %
appearance of solution.....	clear and colourless	Residual solvents are analysed according to guideline CPMP/ICH/283/95.	
pH (5 %, H <sub>2</sub> O).....	4,0 - 5,5		
calcium (Ca).....	passes test		
heavy metals (as Pb).....	max. 0,002 %		
iron (Fe).....	max. 0,008 %		

**Packaging**
**Packaging Code**

250 g		AC09630250
1 kg		AC09631000
5 kg		AC0963005P
25 kg		AC0963025P

**Physical data**

- Appearance: powder, white
- Bulk density: ~ 400 - 500 kg/m<sup>3</sup>
- Solub. in water: (20 °C): 100 g/l
- Melting point: 252 °C (decomposes)
- pH(50 g/l H<sub>2</sub>O, 20 °C) 4 - 5

**Safety - GHS**

**Signal Word:** Warning


**Hazard Statements:**

H302: Harmful if swallowed.

**Precautionary Statements:**

- P264: Wash thoroughly after handling.
- P270: Do not eat, drink or smoke when using this product.
- P330: Rinse mouth.
- P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
- P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

**Toxicological data**

- LD 50 (oral, rat): 2000 mg/kg
- WGK: 2
- Poison class CH (Swiss): 4

**Transport/storage**

- Store between 15°C and 25°C