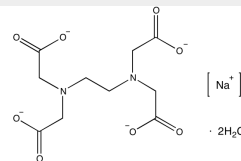


Ethylenediaminetetraacetic acid, EDTA, tetrasodium salt, dihydrate, EssentQ®

Identification

$C_{10}H_{12}N_2Na_4O_8 \cdot 2H_2O$
M = 416,21 g/mol
CAS [10378-23-1]
EC number: 200-573-9
Taric code: 2922 49 95



Synonyms

Edetic acid tetrasodium salt, Tetrasodium ethylenediaminetetraacetate

Applications

synthesis of organic products, analytical chemistry, titrant in volumetric analysis.

Specifications

assay (complexometric,
referred to dried sample).....min. 98 %

pH (5 %, H₂O)..... 10,5 - 12
water (K.F.)..... 7 - 10 %

Physical data

- Appearance: powder, white or almost white
- Solub. in water: (20 °C): soluble

Safety - GHS

Signal Word: Warning

Hazard Statements:

H315: Causes skin irritation.
H319: Causes serious eye irritation.
H335: May cause respiratory irritation.



Precautionary Statements:

P261: Avoid breathing dust / fume / gas / mist / vapours / spray.
P280: Wear protective gloves / protective clothing / eye protection / face protection.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321: Specific treatment (see on this label).
P405: Store locked up.
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- 15°C - 25°C