

Sodium triphosphate anhydrous, EssentQ®**Identification**

$\text{Na}_5\text{P}_3\text{O}_{10}$
M = 367,86 g/mol
CAS [7758-29-4]
EC number: 231-838-7
Taric code: 2835 31 00

Synonyms

Sodium triphosphate

Applications

synthesis of organic products, in food industry, emulsifier, preservative agent, for determination of: BOD.

Specifications

assay (acidimetric, as P ₂ O ₅)	57 - 59 %	pH (1 %, H ₂ O).....	9 - 10
		iron (Fe).....	max. 0,005 %

Physical data

- Spec. Density: 2,52 g/cm³
- Bulk density: ~ 500 kg/m³
- Solub. in water: (20 °C): 150 g/l
- Melting point: 622 °C
- Vapour pressure: (20 °C) < 0,1 hPa
- pH(10 g/l H₂O, 20 °C) ~ 9,9

Transport/storage

- 10°C - 30°C