

Tetrabutylammonium hydrogen sulfate, for ion-pair chromatography

Identification

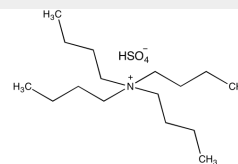
C₁₆H₃₇NO₄S

M = 339,54 g/mol

CAS [32503-27-8]

EC number: 251-068-5

Taric code: 2923 90 00



Applications

analytical chemistry, chromatography, synthesis of organic products, phase transfer catalyst.

Specifications

assay (acidimetric).....	min. 99 %	wavelength:.....	absorbance:
insoluble matter.....	passes test	200 nm.....	0,155 AU
identity (IR-spectrum).....	passes test	220 nm.....	0,046 AU
absorbance of an aqueous solution 0,005 M in a 1 cm cell at:		250 nm.....	0,009 AU

Physical data

- Appearance: crystals, colourless or white
- Bulk density: 650 kg/m³
- Solub. in water: (20 °C): freely soluble
- Melting point: 169 - 172 °C
- pH(50 g/l H₂O, 20 °C) 2,1
- Hygroscopic

Safety - GHS

Signal Word: Warning

Hazard Statements:

H302: Harmful if swallowed.

H319: Causes serious eye irritation.



Precautionary Statements:

P280: Wear protective gloves / protective clothing / eye protection / face protection.

P264: Wash thoroughly after handling.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P337+P313: If eye irritation persists: Get medical advice / attention.

P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- 10°C - 30°C