

Potassium disulfite, Pharmpur®, Ph Eur, NF

Identification

$K_2S_2O_5$
M = 222,33 g/mol
CAS [16731-55-8]
EC number: 240-795-3
Taric code: 2832 20 00

Synonyms

Potassium metabisulfite, Potassium pyrosulfite

Applications

analytical chemistry, laboratory reagent, inorganic salts, preservative agent (in food industry), in pharma industry.

Specifications

assay (iodometric).....	95,0 - 101,0 %	Identification sulfites (USP).....	passes test
assay (iodometric, as SO_2).....	51,8 - 57,6 %	appearance of solution.....	clear and colourless
Identification B (EP).....	passes test	pH (5 %, H_2O).....	3,0 - 4,5
Identification C (EP).....	passes test	thiosulfates (S_2O_3).....	passes test
Identification potassium USP.....	passes test	iron (Fe).....	max. 10 ppm
		zinc (Zn).....	max. 25 ppm

Physical data

- Bulk density: ~ 1000 - 1200 kg/m³
- Solub. in water: (20 °C): 450 g/l
- Melting point: 190 °C
- pH(400 g/l H_2O , 20 °C) 3,5 - 5,0

Safety - GHS

Signal Word: Danger

Hazard Statements:

H318: Causes serious eye damage.
H335: May cause respiratory irritation.
EUH031: Contact with acids liberates toxic gas.



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.
P310: Immediately call a POISON CENTER or doctor / physician.
P405: Store locked up.
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- 15°C - 25°C