

Barium sulfate, Pharmpur®, Ph Eur, BP

Identification

BaSO₄
M = 233,40 g/mol
CAS [7727-43-7]
EC number: 231-784-4
Taric code: 2833 27 00

Synonyms

Sulfuric acid barium salt, Blanc fixe

Applications

photography, in the rubber industry, synthesis of polymers, in radiology applications, in pharma industry, cosmetic auxiliary

Specifications

Identification sulfates.....	passes test	acidity or alkalinity.....	passes test
Identification B (EP).....	passes test	oxidisable sulphur compounds.....	passes test
soluble in acid	max. 0,3 %	barium soluble salts.....	max. 10 ppm
		residue on ignition.....	max. 2,0 %

Physical data

- Appearance: powder, white
- Spec. Density: 4,4 g/cm³
- Bulk density: ~ 700 kg/m³
- Solub. in water: (20 °C): < 0,01 g/l
- Melting point: 1580 °C
- pH(50 g/l H₂O, 20 °C) ~ 7

Transport/storage

- 10°C - 30°C