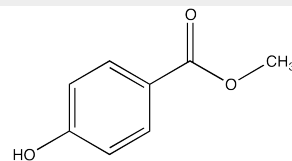


Methyl 4-hydroxybenzoate, Pharmpur®, Ph Eur, BP, NF

Identification

$C_8H_8O_3$
M = 152,15 g/mol
CAS [99-76-3]
EC number: 202-785-7
Taric code: 2918 29 30



Synonyms

Methylparaben, 4-Hydroxybenzoic acid methyl ester, PHB-Ester

Applications

preservative agent (in food industry), cosmetics, in pharma industry.

Specifications

assay (HPLC).....98,0 - 102,0 %
Identification IR.....passes test
Identification TLC.....passes test
acidity.....passes test
color of solution.....passes test
melting range.....125° - 128°C

Related substances:

4-Hydroxybenzoic acid.....max. 0,5 %
unspecified impurities.....max. 0,5 %
total impurities.....max. 1,0 %
residue on ignition.....max. 0,1 %

Physical data

- Bulk density: ~ 300 - 400 kg/m³
- Solub. in water: (20 °C): 2,5 g/l
- Melting point: 125 - 128 °C
- Boiling point: 270 - 280 °C
- pH(saturated solution H₂O, 20 °C) ~ 5,8

Transport/storage

- 10°C - 30°C