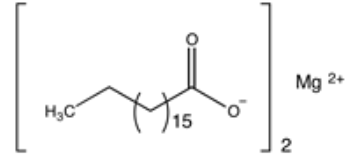


Identification

$C_{36}H_{70}MgO_4$
 M = 591,27 g/mol
 CAS [557-04-0]
 EC number: 209-150-3
 Taric code: 2915 70 30


Synonyms

Stearic acid magnesium salt

Applications

in the pharmaceuticals industry, desiccant (painting), emulsifier, in pharma industry.

Specifications

assay of Mg (referred to		methyl stearate and palmitate (BP).....	passes test
dried sample)	4,0 - 5,0 %	methyl stearate and palmitate (NF).....	passes test
identification.....	passes test	cadmium (Cd).....	max. 0,0003 %
acidity or alkalinity.....	passes test	lead (Pb).....	max. 0,001 %
chlorides (Cl).....	max. 0,1 %	magnesium (Mg).....	passes test
sulfates (SO ₄).....	max. 1 %	nickel (Ni).....	max. 0,0005 %
methyl stearate and palmitate (Ph Eur).....	passes test	loss on drying (105 °C).....	max. 6 %

Physical data

- Bulk density: ~ 200 kg/m³
- Solub. in water: (20 °C): insoluble
- pH(H₂O) ~ 7