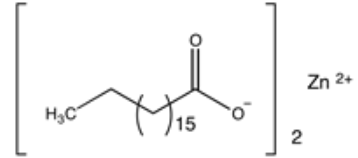


Identification

C₃₆H₇₀O₄Zn
M = 632,33 g/mol
CAS [557-05-1]
EC number: 209-151-9
Taric code: 2915 70 30



Synonyms

Stearic acid zinc salt

Applications

for pharmaceuticals synthesizing, cosmetics, in lubricant compositions, antiseptic, in pharma industry.

Specifications

assay (complexometric, as Zn)..... 10,0 - 12,0 %
assay (complexometric, as ZnO)..... 12,5 - 14,0 %
Identification zinc..... passes test
freezing point..... min. 54 °C
appearance of solution passes test
appearance of solution of fatty acids..... passes test
acidity or alkalinity..... passes test

acid value of the fatty acids..... 195 - 210
chlorides (Cl)..... max. 250 ppm
sulfates (SO₄)..... max. 0,6 %
alkali and alkaline earth metals
..... max. 1,0 %
arsenic (As)..... max. 1,5 ppm
cadmium (Cd)..... max. 5 ppm
lead (Pb)..... max. 10 ppm

Physical data

- Bulk density: ~ 80 - 130 kg/m³
- Solub. in water: (20 °C): insoluble
- Melting point: 120 - 122 °C
- Ignition temperature: 435 °C

Transport/storage

- 10°C - 30°C