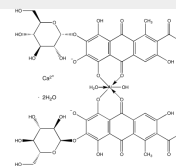


Identification

$C_{44}H_{37}AlCaO_{29} \cdot 3H_2O$
 M = 492,38 g/mol
 CAS [1390-65-4]
 EC number: 215-724-4
 Taric code: 3203 00 90


Synonyms

Alum lacquer of carminic acid

Applications

microscopy, for biology, photography, manufacturing of inks, in food industry, cosmetics.

Specifications

Absorption maximum I1 (in DMSO).....	563 - 571 nm	Absorptivity (A1%/1 cm; I2 max)	100 - 150
Absorption maximum I2 (in DMSO).....	525 - 533 nm	loss on drying (110 °C).....	max. 15 %
Absorptivity (A1%/1 cm; I1 max)	70 - 110	residue on ignition.....	9 - 17 %

Physical data

- Bulk density: ~ 290 kg/m³
- Solub. in water: (20 °C): insoluble

Transport/storage

- 5°C - 30°C