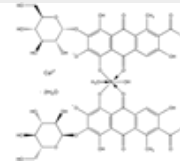


**Identification**

$C_{44}H_{37}AlCaO_{29} \cdot 3H_2O$   
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 $\lambda_1$ (in DMSO).....	563 - 571 nm	Absorptivity (A1%/1 cm; $\lambda_2$ max) .....	100 - 150
Absorption maximum $\lambda_2$ (in DMSO).....	525 - 533 nm	loss on drying (110 °C).....	max. 15 %
Absorptivity (A1%/1 cm; $\lambda_1$ max) .....	70 - 110	residue on ignition.....	9 - 17 %

**Physical data**

- Bulk density: ~ 290 kg/m<sup>3</sup>
- Solub. in water: (20 °C): insoluble

**Transport/storage**

- 5°C - 30°C