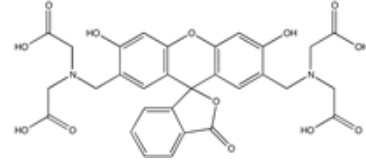


Calcein, indicator for metal titration**Identification**

$C_{30}H_{26}N_2O_{13}$
M = 622,55 g/mol
CAS [1461-15-0]
EC number: 215-957-1
Taric code: 3204 19 00

**Synonyms**

2,7-Bis[bis(carboxymethyl)aminomethyl]fluorescein, Fluorescein complexon, Fluorexon

Applications

analytical chemistry, indicator, for determination of: calcium.

Specifications

Absorption maximum λ (in NaOH)	insoluble in NaOH	passes test	
0,002 M	492 - 500 nm	loss on drying (135 °C)	max.10 %
Absorptivity (A1%/1 cm; λ max.).....	800 - 1000	suitability as complexometric indicator.....	passes test

Physical data

- Appearance: powder, orange
- Bulk density: ~ 600 kg/m³
- Solub. in water: (20 °C): sparingly soluble

Transport/storage

- 5°C - 30°C