

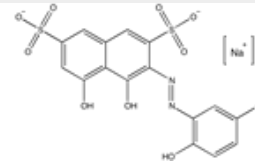
Eriochrome blue SE, C.I. 16680, indicator for metal titration**Identification** $C_{16}H_9ClN_2Na_2O_9S_2$

M = 518,82 g/mol

CAS [1058-92-0]

EC number: 213-894-4

Taric code: 3204 19 00

**Synonyms**

2-(4-Chloro-1-hydroxyphenyl-2-azo)-1,8-dihydroxynaphthalene-3,6-disulfonic acid disodium salt

Applications

analytical chemistry, indicator (metals), in biochemistry.

SpecificationsAbsorption maximum λ_1 (methanol)..... 526 - 530 nmAbsorption maximum λ_2 (methanol)..... 552 - 556 nmAbsorptivity (A1%/1 cm; λ_1 max) min. 320Absorptivity (A1%/1 cm; λ_2 max) min. 320

loss on drying (110 °C)..... max. 7 %

suitability as metal indicator..... passes test

Physical data

- Bulk density: ~ 570 kg/m³
- Solub. in water: (20 °C): ~ 30 g/l
- pH(10 g/l H₂O, 20 °C) ~ 6,1

Transport/storage

- 10°C - 30°C