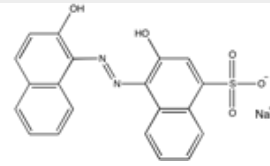


**Identification**

$C_{20}H_{13}N_2NaO_5S$   
M = 416,39 g/mol  
CAS [2538-85-4]  
EC number: 219-810-2  
Taric code: 2927 00 00

**Synonyms**

2-Hydroxy-1-(2-hydroxy-1-naphthylazo)-naphthalene-4-sulfonic acid sodium salt

**Applications**

analytical chemistry, indicator (metals).

**Specifications**

|  |              |                                    |             |
|--|--------------|------------------------------------|-------------|
| Absorption maximum $\lambda$ (pH 12,2) ..... | 632 - 636 nm | suitability as indicator for metal |             |
| Absorptivity (A1%/1 cm; $\lambda$ max;       |              | titration .....                    | passes test |
| 0,0015%, pH 12,2 on dried sample).....       | 200 - 300    | loss on drying (110 °C).....       | max. 10 %   |

**Physical data**

- Bulk density: ~ 530 kg/m<sup>3</sup>
- Solub. in water: (20 °C): ~ 20 g/l
- pH(10 g/l H<sub>2</sub>O, 25 °C) ~ 9,4

**Transport/storage**

- 5°C - 30°C