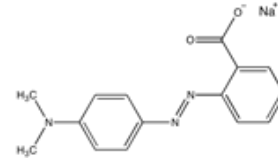


Methyl red, sodium salt, C.I. 13020, indicator, soluble in water**Identification**

$C_{15}H_{14}N_3NaO_2$
M = 291,29 g/mol
CAS [845-10-3]
EC number: 212-682-9
Taric code: 2927 00 00

**Synonyms**

2-[(4-Dimethylamino)phenylazo]benzoic acid sodium salt

Applications

analytical chemistry, indicator.

Specifications

pH range (red-violet to brownish - yellow).....	4,5 - 6,2	Absorptivity (A1%/1 cm; λ 1; pH 4,5 on dried sample)	1200 - 1400
Absorption maximum λ 1 (pH 4,5).....	523 - 526 nm	Absorptivity (A1%/1 cm; λ 2; pH 6,2 on dried sample)	600 - 700
Absorption maximum λ 2 (pH 6,2).....	430 - 438 nm	transition range acc. ACS.....	passes test
		loss on drying (110 °C).....	max. 5 %

Physical data

- Appearance: polvo, brown-yellowish
- Bulk density: ~ 360 kg/m³
- Solub. in water: (20 °C): ~ 800 g/l
- pH(10 g/l H₂O, 25 °C) ~ 8,2

Transport/storage

- 5°C - 30°C