

ME0492 1-Methyl-2-Pyrrolidone, standard substance for GC



assay 99,8 %
over ramp 80°C, 7°C/min 220°C
identity IR

| ART. NO. | VOLUME | CONTAINER |
|------------|--------|-----------|
| ME04920005 | 5 ml | 1 |

ME0590 1-Methyl-2-pyrrolidone, peptide synthesis grade

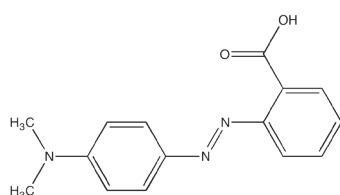


assay (G.C.) min. 99,5 %
identity (IR-spectrum) passes test
density (20°/4°) 1,031 - 1,034
colour (Hazen) max. 10
methylamine max. 0,01 %
water (K.F.) max. 0,08 %

| ART. NO. | VOLUME | CONTAINER |
|------------|--------|-----------|
| ME05902500 | 2,5 l | 0 |

METHYL RED, C.I. 13020

RO0150 Methyl red, C.I. 13020, indicator



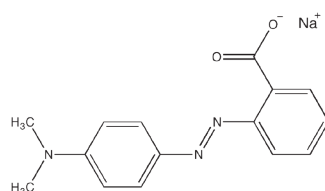
- Synonyms: 2-[(4-Dimethylamino)phenylazo]benzoic acid
- $C_{15}H_{15}N_3O_2$
- $M = 269,31 \text{ g/mol}$
- CAS [493-52-7]
- EINECS-No.: 207-776-1
- Solub. in water: (20 °C): slightly soluble
- Melting point: 178 - 182 °C
- Tariff number: 2927 00 00 90
- Applications: analytical chemistry, indicator.

pH range (red-violet to brownish - yellow) 4,5 - 6,2
Absorption maximum λ_1 (pH 4,5) 523 - 526 nm
Absorption maximum λ_2 (pH 6,2) 427 - 437 nm
Absorptivity (A1%/1 cm; λ_1 ; pH 4,5 on dried sample) 1380 - 1480
Absorptivity (A1%/1 cm; λ_2 ; pH 6,2 on dried sample) 700 - 800
transition range acc. ACS passes test
loss on drying (110 °C) max. 5 %

| ART. NO. | VOLUME | CONTAINER |
|------------|--------|-----------|
| RO01500010 | 10 g | 0 |
| RO01500100 | 100 g | 0 |

METHYL RED, SODIUM SALT, C.I. 13020

RO0155 Methyl red, sodium salt, C.I. 13020, indicator, soluble in water



- Synonyms: 2-[(4-Dimethylamino)phenylazo]benzoic acid sodium salt
- $C_{15}H_{14}N_3NaO_2$
- $M = 291,29 \text{ g/mol}$
- CAS [845-10-3]
- EINECS-No.: 212-682-9
- Solub. in water: (20 °C): ~ 800 g/l
- Tariff number: 2927 00 00 90
- Applications: analytical chemistry, indicator.

pH range (red-violet to brownish - yellow) 4,5 - 6,2
Absorption maximum λ_1 (pH 4,5) 523 - 526 nm
Absorption maximum λ_2 (pH 6,2) 430 - 438 nm
Absorptivity (A1%/1 cm; λ_1 ; pH 4,5 on dried sample) 1200 - 1400
Absorptivity (A1%/1 cm; λ_2 ; pH 6,2 on dried sample) 600 - 700
transition range acc. ACS passes test
loss on drying (110 °C) max. 5 %

| ART. NO. | VOLUME | CONTAINER |
|------------|--------|-----------|
| RO01550010 | 10 g | 0 |
| RO01550025 | 25 g | 0 |
| RO01550100 | 100 g | 0 |
| RO01551000 | 1 kg | 0 |