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

assay 99,8%
over ramp 80ºC, 7ºC/min 220ºC
identity. . . . . IR

ART. NO.	VOLUME	CONTAINER
ME04920005	5 ml	

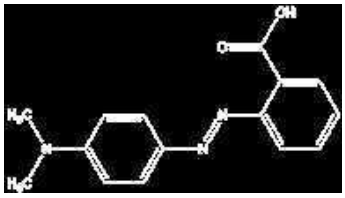
ME0590 1-Methyl-2-pyrrolidone, peptide synthesis grade

assay (G.C.) . . . . . min. 99,5 %
identity (IR-spectrum) . . . . . .passes test
density (20º/4º). . . . . 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	

METHYL RED, C.I. 13020

RO0150 Methyl red, C.I. 13020, indicator



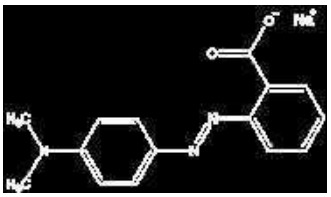
- Synonyms: 2-[(4-Dimethylamino)phenylazo]benzoic acid
- $C_{15}H_{15}N_3O_2$
- M = 269,31 g/mol
- CAS [493-52-7]
- EINECS-No.: 207-776-1
- Solub. in water: (20 ºC): sligthly soluble
- Melting point: 178 - 182 ºC
- Tariff number: 2927 00 00 90
- Applications: analytical chemistry, indicator.

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 ºC). . . . . max. 5 %

ART. NO.	VOLUME	CONTAINER
RO01500010	10 g	
RO01500100	100 g	

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 g/mol
- CAS [845-10-3]
- EINECS-No.: 212-682-9
- Solub. in water: (20 ºC): ~ 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 ºC). . . . . max. 5 %

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