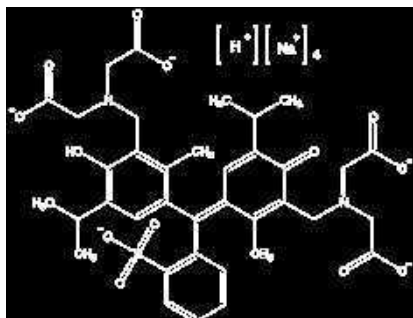


METHYLTHYMOL BLUE, TETRASODIUM SALT

AZ0205 Methylthymol blue, tetrasodium salt, indicator



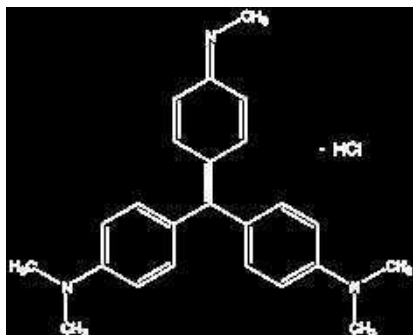
- Synonyms: MTB; 3,3'-Bis[N,N-di(carboxymethyl)aminomethyl]thymolsulfonephthalein, sodium salt
- $C_{37}H_{40}N_2Na_4O_{13}S$
- M = 844,76 g/mol
- CAS [1945-77-3]
- EINECS-No.: 217-743-3
- Solub. in water: (20 °C): ~ 460 g/l
- Tariff number: 2934 99 90 90
- Applications: analytical chemistry, indicator, titrant in volumetric analysis (metals).

Absorption maximum λ (in ethanol) 430 - 440 nm
Absorptivity (A1%/1 cm; λ max.) 90 - 110
insoluble in water passes test
suitability as indicator passes test
loss on drying max. 7 %

ART. NO.	VOLUME	CONTAINER
AZ02050001	1 g	0
AZ02050005	5 g	0

METHYL VIOLET, C.I. 42535

VI0070 Methyl violet, C.I. 42535, for microscopy



- Synonyms: Methylrosaniline
- $C_{24}H_{27}N_3 \cdot HCl$
- CAS [8004-87-3]
- EINECS-No.: 208-953-6
- Solub. in water: (25 °C): 30 g/l
- LD 50 (oral, rat): 460 - 680 mg/kg
- EC-Index-No.: 612-204-00-2
- ADR: 9 M7 III UN 3077
- IMDG: 9 III UN 3077
- IATA/ICAO: 9 III UN 3077
- GHS-signal word: Danger
- GHS-H sentences: H318 - H351 - H400 - H410 - H302
- GHS-P sentences: P280 - P281 - P273 - P305 + P351 + P338 - P405 - P501a
- Tariff number: 3204 13 00 90
- Applications: indicator, microscopy.

Absorption maximum (in ethanol 50 %) 583 - 587 nm
Absorptivity (A1%/1 cm; λ max.; ethanol 50 %) 1600 - 1800
loss on drying (110 °C) max. 8 %

ART. NO.	VOLUME	CONTAINER
VI00700025	25 g	0
VI00700100	100 g	0
VI00700250	250 g	0

MILLON'S REAGENT

RE0040 Millon's reagent



- Density: 1,358 g/cm³
- Solub. in water: (20 °C): miscible
- ADR: 8 CT1 II UN 2922
- IMDG: 8 II UN 2922
- IATA/ICAO: 8 II UN 2922
- GHS-signal word: Danger
- GHS-H sentences: H300 - H310 - H330 - H314 - H373 - H400 - H410

- GHS-P sentences: P303 + P361 + P353 - P305 + P351 + P338 - P320 - P361 - P405 - P501a
- Tariff number: 2852 90 00 00
- Applications: analytical chemistry; for determination of: tyrosine, albumin, phenols.

suitability for determination of tyrosine, phenol and albuminoids passes test

ART. NO.	VOLUME	CONTAINER
RE00400100	100 ml	0

MIXED INDICATOR I

IN0040 Mixed indicator I, for determination of sulfurous gas (SO₂) according to Paul



- Density: ~ 0,93 g/cm³
- Solub. in water: (20 °C): miscible
- Boiling point: 78,3°C
- Flash pt. 25°C
- Ignition temp.: 425°C
- Vapour pressure: 59 hPa (20°C)
- ADR: 3 F1 III UN 1993
- IMDG: 3 III UN 1993
- IATA/ICAO: 3 III UN 1993

- GHS-signal word: Warning
- GHS-H sentences: H226 - H319
- GHS-P sentences: P210 - P241 - P280 - P303 + P361 + P353 - P305 + P351 + P338 - P501a
- Tariff number: 3822 00 00 00

composition of 1 liter:
methyl red 1000 mg
methylene blue 500 mg
ethanol. 500 ml
water to make 1 liter

ART. NO.	VOLUME	CONTAINER
IN0040G100	100 ml	0