

Methylthymol blue, tetrasodium salt, indicator
Identification

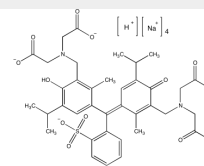
$C_{37}H_{40}N_2Na_4O_{13}S$

M = 844,76 g/mol

CAS [1945-77-3]

EC number: 217-743-3

Taric code: 2934 99 90


Synonyms

MTB; 3,3'-Bis[N,N-di(carboxymethyl)aminomethyl]thymolsulfonephthalein, sodium salt

Applications

analytical chemistry, indicator, titrant in volumetric analysis (metals).

Specifications

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

Physical data

- Bulk density: ~ 570 kg/m³
- Solub. in water: (20 °C): ~ 460 g/l
- pH(10 g/l H₂O, 20 °C) ~ 6,2

Transport/storage

- 5°C - 30°C