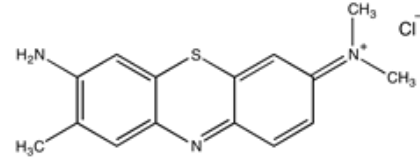


Toluidine blue, C.I. 52040, for microscopy

Identification

C₁₅H₁₆ClN₃S
M = 305,83 g/mol
CAS [92-31-9]
EC number: 202-146-2
Taric code: 3204 13 00

**Synonyms**

Basic blue 17, Toluidine blue O

Applications

indicator (microscopy), manufacture of dyes.

Specifications

Absorption maximum λ (in H₂O).....628 - 633 nm

Absorptivity (A1%/1 cm; λ max.).....min. 1050
loss on drying (110 °C)..... max. 8 %

Physical data

- Bulk density: ~ 410 kg/m³
- Solub. in water: (25 °C): 30 g/l
- pH(H₂O, 25 °C) 2,8

Transport/storage

- 5°C - 30°C