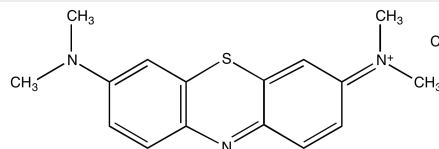


Methylene blue, C.I. 52015, for microscopy
Identification

$C_{16}H_{18}ClN_3S$
 $M = 319,86 \text{ g/mol}$
CAS [61-73-4]
EC number: 200-515-2
Taric code: 3204 13 00


Synonyms

3,7-Bis(dimethylamino)phenothiazinium chloride, Solvent blue 8, Methylthyonium chloride, Tetramethylthionine chloride

Applications

analytical chemistry, indicator, for electrophoresis.

Specifications

solubility (0,1%, H_2O).....	passes test	lead (Pb)	max. 20 ppm
arsenic (As).....	max. 8 ppm	zinc (Zn)	passes test
iron (Fe).....	passes test	loss on drying (105 °C).....	8,00 - 15,00 %
		total colour / assay.....	96,00 - 101,00%

Physical data

• Appearance: powder, dark red

Safety - GHS

Signal Word: Warning

Hazard Statements:

H302: Harmful if swallowed.


Precautionary Statements:

P264: Wash thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.
P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P330: Rinse mouth.
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

• 5°C - 30°C