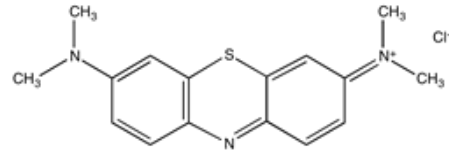


**Methylene blue, C.I. 52015, for microscopy****Identification**

C<sub>16</sub>H<sub>18</sub>ClN<sub>3</sub>S  
M = 319,86 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 <sub>2</sub> O).....	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