

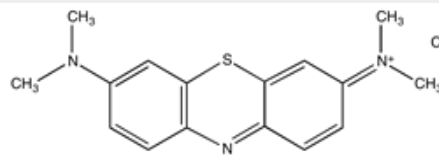
Methylene blue, C.I. 52015, EssentQ®**Identification**C₁₆H₁₈ClN₃S

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.

Specificationssolubility (0,1%, H₂O)..... passes test

arsenic (As)..... max. 8 ppm

iron (Fe)..... passes test

lead (Pb) max. 20 ppm

zinc (Zn) passes test

loss on drying (105 °C)..... 8,00 - 15,00 %

total colour / assay..... 96,00 - 101,00%

Physical data

• Appearance: powder

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