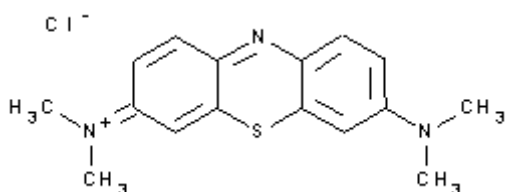
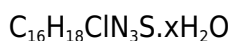




**PRODUCT CODE: 121170**

**Methylene Blue (C.I. 52015) for analysis**

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M.= 319,85 +H<sub>2</sub>O

CAS [61-73-4]

EINECS 200-515-2

TARIC 3204 13 00 90

**SYNONYMS:** 3,7-Bis(Dimethylamino)Pheno-5-thiazinium Chloride, C.I. Basic Blue 9, Tetramethylthionine Chloride

**PHYSICAL DATA:** crystalline powder, crystals, Dark green with bronze luster, in water at 20°C Thermal decom. above 180 °C • M.P.: 180 °C • pH3 •

**BIBLIOGRAPHY:** Merck Index **12**, 6.137 13, 6.085 Safety **2**, **2344 C** • Römp **8**, **2586** • Conn's **IX** 423, 604 • Beilstein **27**, **393 IV**, **5152** • BRN 3599847 • BP.**2018** • USP **41** • Ph. Eur. **8.0** (2014) **9.0** (2017) •

**HAZARDOUS:** RTECS: SO 5600000 • LD L0 oral rbt 1.000 mg/kg • LD50 oral rat 1.180 mg/kg • LD50 ipr mus 150 mg/kg



H: H302 •

P: P264 • P270 • P301+P312 • P330 • P501 •

**OBSERVATIONS:** Storage between 20 and 25°C •

**SPECIFICATIONS:**

Assay (Spectrophotometric)  
Identity :  
Identity  
A 1% , 1 cm,  $\lambda_{\text{max}}$ .(calc. a.d.s.)

82%

IR passes test  
>2200

$\lambda$ of max. ABS in H<sub>2</sub>O

663 - 667 nm

T.L.C.

passes test

**Maximum limit of impurities**

Loss on drying at 110°C

8-16 %

Ed.: 3 . Vig.: 15.01.2011 .

Prod.: 121170