

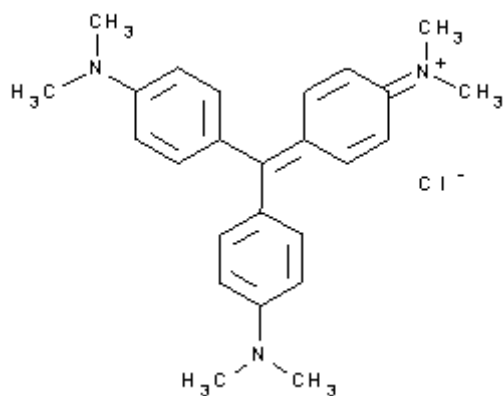


**PRODUCT CODE: 131762**

**Crystal Violet (C.I. 42555) for analysis, ACS**  
indicator in non aqueous medium

$C_{25}H_{30}ClN_3$

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M.= 407,99

CAS [548-62-9]

EINECS 208-953-6

TARIC 3204 13 00 90

**SYNONYMS:** Basic Violet 3, Hexamethylpararosaniline Chloride, Methyl Violet 10 B

**PHYSICAL DATA:** powder, Greenish, Soluble in water 4 g/l at 25 °C Soluble in alcohol 30 g/l M.P.: 194 °C • pH(1% sol.) 2,5 - 3,5 •

**BIBLIOGRAPHY:** Merck Index **13**, 4.406 Sax **AOR500** • Safety **2**, **929 B** • Römp **8**, **2254** • Conn's **IX** 274, 586 • Beilstein **13**, **IV**, **2284** • BRN 3580948 • ACS **XI** • USP **41** •

**HAZARDOUS:** RTECS: BO 9000000 • LD50 oral rat 420 mg/kg •



H: H302 • H351 • H318 • H410 •

P: P202 • P264 • P270 • P273 • P280 • P281 • P301+P312 • P305+P351+P338 • P330 • P391 • P501 •

**TRANSPORT REGULATIONS:** UN: 3077 • ADR: 9/III • IMDG: 9/III • IATA: 9/III • PAX: 956 • CAO: 956 • (E) •

**SPECIFICATIONS:**

|   |                |
|---|----------------|
| Minimum assay (Spectrophotometric) (a.d.s.)     | 90,0%          |
| Identity :                                      |                |
| Identity  | IR passes test |
| Ratio I <sub>max</sub> . P +/-15 nm             | 0,98 - 1,25    |
| A 1% , 1 cm, λ <sub>max</sub> .(a.d.s.)         | > 2160         |
| λ <sub>of max</sub> . ABS in H <sub>2</sub> O   | 589 - 594 nm   |
| T.L.C.  | passes test    |
| <b>Maximum limit of impurities</b>              |                |
| Loss on drying at 110°C                         | 7,5%           |
| Residue on ignition (as SO <sub>4</sub> )       | 1,5 %          |
| Sensitivity as indicator in non-aqueous mediums | passes test    |

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