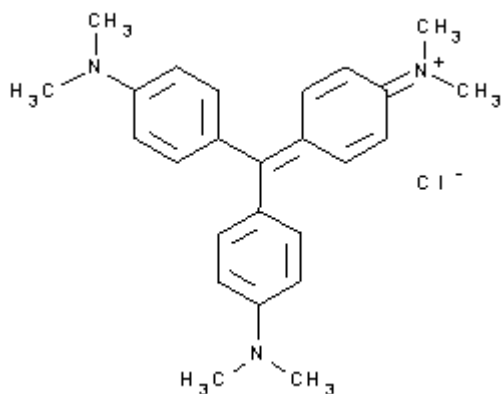


PRODUCT CODE: 131762

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

C₂₅H₃₀ClN₃

C₂₅H₃₀ClN₃



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** • Römpe **8** , **2254** • Conn's **IX** 274, 586 • Beilstein **13** , **IV** , **2284** • BRN 3580948 • ACS **XI** • USP **43** •

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 • (-) •

SPECIFICATIONS:

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