

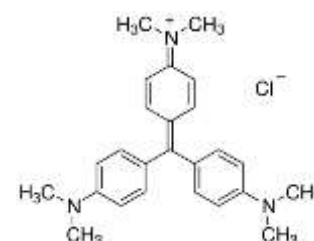


# Product Specification

cdhfinechemical.com

## METHYL VIOLET FOR MICROSCOPY

<b>PRODUCT CODE</b>	<b>306725</b>
<b>SYNONYMS</b>	<b>(Methyl Violet 10 B)</b>
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	<b>(548-62-9)</b>
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>C<sub>25</sub>H<sub>30</sub>N<sub>3</sub>Cl</b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>407.99</b>
<b>PROPERTIES</b>	<b>Green to dark green crystals/powder, glistening pieces with metallic luster soluble in water, chloroform.</b>



<b>PARAMETER</b>	<b>LIMIT</b>
Description	Green to dark green crystals/powder , glistening pieces with metallic luster .
Solubility	Soluble in water.
Dye Content (Spectrophotometry; on dried substance)	Min. 75.0%
Absorption maximum (in 50% ethanol)	583-587 nm
Absorption ratio (A λ Max -15 nm)/ (A λ Max +15 nm)	1.06-1.19
Absorptivity (A1% / 1cm at λ Max, Ethanol 50%)	1800-2450
Suitability for microscopy	To pass the test.

<b>MAXIMUM LIMIT OF IMPURITY</b>	
Loss on drying (at 110°C)	10.0%

**Note(s) : 1] Assay (if applicable) method mentioned.**

<b>WARNING</b> <b>Hazard statements :</b> May cause respiratory irritation. Causes skin irritation. Causes serious eye irritation. <b>Precautionary statements</b> <b>Prevention:</b> Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. <b>Response:</b> IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. If eye irritation persists: Get medical advice/attention. <b>Disposal:</b> Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums for collection by specialist disposal company.	IMDG Code : UN No. : IATA :
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Hazard Pictogram(s) :

GHS07

Replace date 26-May-2023