

# garuda chemicals

**Office:**

15/605-606 Mayuresh C.H.S., Majaswadi MHADA Colony, Off Mahakali Caves Road, Andheri (East), Mumbai-400 093. India.

**Tel.**

+91.22.2820.1198 • +91.22.2821.5596

**Fax**

+91.22.2820.1201

**Email**

gcsales@garudachem.com

**Factory:**

B-46 M.I.D.C., Lote-Parshuram, Tal.: Khed, Dist.: Ratnagiri. 415 722 Maharashtra. India

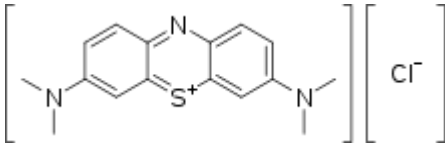
**Tel.**

+91.2356.27.2157

**Email**

gcfactory@garudachem.com

## SPECIALITY DYESTUFF

<b>Product:</b>	<b>Methylene Blue Zinc Free USP</b>
<b>CAS #:</b>	7220-79-3
<b>Synonyms</b>	Tetramethylthionine Chloride Trihydrate, Basic Blue 9 Trihydrate; C.I. 52015 Trihydrate; Methylene Blue Trihydrate
<b>Molecular Formula:</b>	C <sub>16</sub> H <sub>24</sub> ClN <sub>3</sub> O <sub>3</sub> S
<b>Molecular Weight:</b>	319.85
<b>Structural Formula:</b>	
<b>Description:</b>	Dark green crystalline powder, odourless, highly hygroscopic
<b>Identification:</b>	Complies with the infrared absorption test of USP
<b>Arsenic:</b>	Not more than 8 parts per million
<b>Copper:</b>	Not more than 0.02 % max.
<b>Zinc:</b>	Not more than 0.02 % max.
<b>Volatile Organic Compounds:</b>	Complies as per tests stipulated by USP
<b>Residue on Ignition:</b>	1.2 % max.
<b>Moisture Content:</b>	8.0 to 18.0 %
<b>Assay:</b>	98.0 to 103.0% on dry basis Max. Absorption between 663 and 665 NM

## Related Information

We offer packing customised to customer-requirement. Standard packing for this product is 25.0 kilos net, new, polylined, HDPE drums.

We mostly keep small quantities of this material in ready stock.

Please enquire for updated information on delivery schedule, pricing and payment terms to <gcsales@garudachem.com>

<b>H.T.S.#:</b>	3204.1300.90
<b>Known Applications:</b>	Redox indicator; Peroxide generator; Sulphide analysis; different staining procedures; examination of RNA or DNA; indicator to determine living cells.