

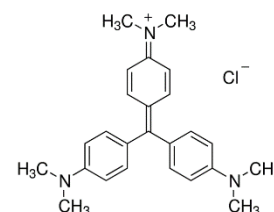


# Product Specification

cdhfinechemical.com

## GENTIAN VIOLET

<b>PRODUCT CODE</b>	<b>034033</b>
<b>SYNONYMS</b>	--
<b>C.I. NO.</b>	<b>42535</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>ClN<sub>3</sub></b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>407.99</b>
<b>PROPERTIES</b>	<b>Dark green powder, glistering pieces with metallic luster, soluble in water, chloroform.</b>



<b>PARAMETER</b>	<b>LIMIT</b>
Description	Green to dark green crystals/powder.
Solubility	Soluble in water.
Dye Content (Spectrophotometry ; on dried substance)	> 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% / 1 cm at λmax, Ethanol 50%)	1800-2450
Suitability for microscopy	To pass the test.

### MAXIMUM LIMIT OF IMPURITIES

Loss on drying (at 110°C)	10.0%
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### Note(s) : Assay (if applicable) method mentioned.

#### DANGER

**Hazard statements:** Toxic if swallowed. Harmful if swallowed. Causes mild skin irritation. May cause allergic skin reaction. May cause CANCER. May damage the unborn child. Causes serious eye damage. Very toxic to aquatic life. Harmful to terrestrial vertebrates.

#### Precautionary statements

**Prevention:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing dust/fume/gas/mist/ vapours/spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid release to the environment. Use personal protective equipment as required.

**Response:** IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Continue rinsing. Rinse mouth. If skin irritation occurs: Get medical advice/attention. If skin irritation or rash occurs: Get medical advice/attention.

IMDG Code :9/III  
UN No. :3077  
IATA :9

#### Disposal:-----

#### Hazard Pictogram(s) :



GHS05



GHS07



GHS08



GHS09