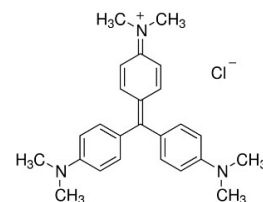




## GENTIAN VIOLET AR

<b>PRODUCT CODE</b>	<b>R01216</b>
<b>SYNONYMS</b>	--
<b>C.I. NO.</b>	<b>42555+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>	----



PARAMETER	LIMIT
Description	Greenish bronze crystals/ powder, odourless/almost odourless.
Solubility	Soluble in 200 parts of water: very soluble in alcohol (95%), soluble in chloroform & in 30 parts of glycerol, insoluble in solvent ether.
Identification	Passes test
Dye content (Titanometry ; on dried)	Min. 96.0%
Absorption maximum ( in 50% ethanol)	580-595 nm
Absorption ratio (A λ Max – 15 nm )/ (Aλ Max + 15 nm )	0.98-1.25
Absorptivity (A1%/ 1 cm at λ Max, in 50% ethanol)	2000-2500
TLC test	Passes test
Suitability for microscopy	Passes test

### MAXIMUM LIMIT OF IMPURITIES

Loss on drying (at 110 <sup>0</sup> C)	10.0%
Residue on ignition	1.5%
Alcohol insoluble substances	1%
Arsenic (As)	0.001%
Lead (Pb)	0.003%
Zinc (Zn)	Passes test
Sensitivity as indicator	Passes test

**Note(s) :1] Assay (if applicable) method mentioned.  
2] (Microscopic stain & pH indicator)**

#### 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

**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. protective equipment as required.

IMDG Code : 9/III

UN No. 3077

IATA : 9

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Disposal:-----

Hazard Pictogram(s) :-



GHS05



GHS07



GHS09



GHS08

Replace Date 1 April 2023

