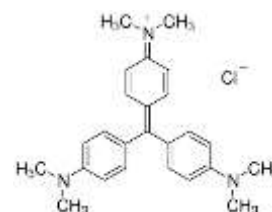


GENTIAN VIOLET AR

| | |
|------------------------------------|--|
| PRODUCT CODE | 298265 |
| SYNONYMS | -- |
| C.I. NO. | 42555+42535 |
| CASR NO. | (548-62-9) |
| ATOMIC OR MOLECULAR FORMULA | C₂₅H₃₀ClN₃ |
| ATOMIC OR MOLECULAR WEIGHT | 407.99 |
| PROPERTIES | ---- |



| 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°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

IMDG Code : 9/III

UN No. : 3077

IATA : 9

| | | | |
|---|--|--|---|
| irritation occurs: Get medical advice/ attention. If skin irritation or rash occurs: Get medical advice/attention. protective equipment as required. | | | |
| Disposal:----- | | | |
| Hazard Pictogram(s) :- | | | |
|  GHS05 |  GHS07 |  GHS09 |  GHS08 |

Replace date 17-June-2023