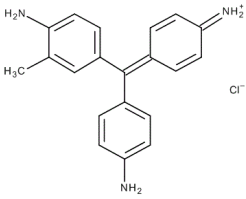




# Product Specification

cdhfinechemical.com

| FUCHSIN BASIC FOR MICROSCOPY   |   |
|--|---|
| <b>PRODUCT CODE</b>  | <b>297325</b>                                       |
| <b>SYNONYMS</b>  | <b>(Basic fuchsin; Basic violet 14; Rosaniline)</b> |
| <b>C.I. NO.</b>  | <b>42510</b>  |
| <b>CASR NO.</b>  | <b>(632-99-5)</b>                                   |
| <b>ATOMIC OR MOLECULAR FORMULA</b>   | <b>C<sub>20</sub>H<sub>20</sub>N<sub>3</sub>Cl</b>  |
| <b>ATOMIC OR MOLECULAR WEIGHT</b>  | <b>337.86</b>                                       |
| <b>PROPERTIES</b>  | ---   |
| <b>PARAMETER</b>   | <b>LIMIT</b>  |
| Description  | Dark green crystalline powder.                      |
| Dye Content (Titanometry; on dried substance)                                | > 88.0%   |
| Absorption Maximum (in 50% ethanol)  | 549 - 552 nm  |
| Absorption Ratio (A λ <sub>max</sub> - 15 nm) / (A λ <sub>max</sub> + 15 nm) | 1.16 - 1.35   |
| Absorptivity (A1% / 1 cm at λ <sub>max</sub> in 50% ethanol; on dried basis) | 2000 - 2710   |
| Suitability for microscopy   | To pass the test.                                   |
| TLC examination  | To pass the test.                                   |
| <b>MAXIMUM LIMIT OF IMPURITY</b>   |   |
| Loss on drying (at 110°C)  | 10.0%   |
| <b>Note(s) : Assay (if applicable) method mentioned.</b>                     |   |
| <b>WARNING</b>   | IMDG Code :--                                       |
| <b>Hazard statements:</b> Not hazardous. No hazards.                         | UN No. :--  |
| <b>Precautionary statements</b>  | IATA :--  |
| <b>Prevention:</b> -----   |   |
| <b>Response:</b> -----   |   |
| <b>Disposal:</b> -----   |   |
| <b>Hazard Pictogram(s) :</b> -----   |   |



Replace date 30-May-2023