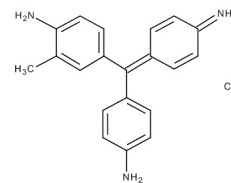




## FUCHSIN BASIC FOR MICROSCOPY

<b>PRODUCT CODE</b>	<b>R01213</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>	---



PARAMETER	LIMIT
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.

### MAXIMUM LIMIT OF IMPURITY

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

### WARNING

**Hazard statements:** Not hazardous. No hazards.

**Precautionary statements**

**Prevention:** -----

**Response:** -----

IMDG Code : --

UN No. : --

IATA : --

**Disposal:**-----

**Hazard Pictogram(s) :**-----



GHS05

GHS07

Replace Date 1 April 2023