

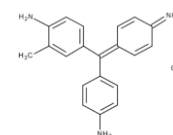


Product Specification

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ROSANILINE HYDROCHLORIDE AR

| | |
|------------------------------------|---|
| PRODUCT CODE | 318095 |
| SYNONYMS | Fuchsine |
| C.I. NO. | 42510 |
| CASR NO. | (632-99-5) |
| ATOMIC OR MOLECULAR FORMULA | C₂₀H₂₀ClN₃ |
| ATOMIC OR MOLECULARWEIGHT | 337.86 |
| PROPERTIES | Soluble in acids and alcohol; slightly soluble in water. |



| PARAMETER | LIMIT |
|--|----------------------------|
| Description | A dark green powder. |
| Solubility | Slightly soluble in water. |
| Dye Content (Titanometry; on dried substance) | > 88.0% |
| Absorption maximum (in 50% ethanol) | 549 - 552 nm |
| Absorption ratio (A _{λmax} - 15 nm) (A _{λmax} + 15 nm) | 1.16 - 1.35 |
| Absorptivity (A _{1%} / 1 cm at λ _{max} , in 50% ethanol) | 2360 - 2710 |
| TLC examination | To pass the test. |
| Suitability for microscopy | To pass the test. |

MAXIMUM LIMIT OF IMPURITY

| | |
|---------------------------|-------|
| Loss on drying (at 110°C) | 10.0% |
|---------------------------|-------|

Note(s) : Assay (if applicable) method mentioned.

WARNING

Hazard statements : Suspected of causing cancer

Precautionary statements

Prevention : Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Obtain special instructions before use.

Response : If exposed or concerned: Get medical attention advice.

Disposal : Dissolve the chemical in dilute acid and neutralize the excess acid with sodium carbonate and run to the normal waste with large amount of water. Any sand used to cover spillage should be thoroughly washed with water before disposal as normal waste. Alternatively the neutralized solution can be put in a container and disposed off.

IMDG Code :
UN No. :
IATA :

Hazard Pictogram(s) :-----



GHS08

Replace date 17-June-2023