

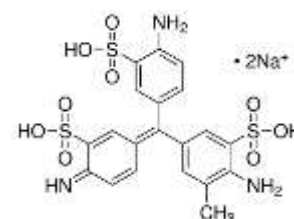


Product Specification

cdhfinechemical.com

FUCHSIN ACID FOR MICROSCOPY

| | |
|------------------------------------|--|
| PRODUCT CODE | 034031 |
| SYNONYMS | (Acid fuchsin) |
| C.I. NO. | 42685 |
| CASR NO. | (3244-88-0) |
| ATOMIC OR MOLECULAR FORMULA | C₂₀H₁₇N₃O₉Na₂S₃ |
| ATOMIC OR MOLECULAR WEIGHT | 585.55 |
| PROPERTIES | --- |



| PARAMETER | LIMIT |
|---|-------------------|
| Dye Content (Titanometry; on dried substance). | > 60.0% |
| Absorption Maximum (in water + 2.5 ml 0.1 N HCl) | 540 - 549 nm. |
| Absorption Ratio (A λ max - 15 nm) / (A λ max + 15 nm) | 1.10 - 1.26 |
| Absorptivity (A1%/1 cm at λ max in water + 2.5 ml of 0.1 N HCl) | 780 - 1310 |
| Suitability for microscopy | To pass the test. |
| TLC Test | 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: Not hazardous. No hazards.

Precautionary statements

Prevention : ----

Disposal:-----

Hazard Pictogram(s) :

MDG Code :

UN No. :

IATA :