

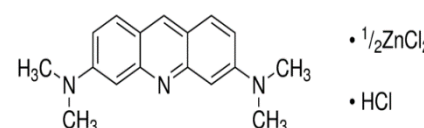


Product Specification

cdhfinechemical.com

ACRIDINE ORANGE (M.S.)

| | |
|-----------------------------|--|
| PRODUCT CODE | 027041 |
| SYNONYMS | (Basic orange 14, Acridine orange hemi zinc chloride hydrochloride) |
| C.I. NO. | 46005 |
| CASR NO. | (10127-02-3) |
| ATOMIC OR MOLECULAR FORMULA | $C_{17}H_{19}N_3 \cdot 1/2ZnCl_2 \cdot HCl$ |
| ATOMIC OR MOLECULAR WEIGHT | 369.94 |
| PROPERTIES | ----- |



| PARAMETER | LIMIT |
|---|--------------|
| Dye Content (Spectrophotometric) | Min. 87.0% |
| Absorption maximum (in water) | 489 - 493 nm |
| Absortivity (at 1%/1 cm at λ max; in water) | 1300 - 1500 |
| Suitability for microscopy | Passes test. |
| TLC Test | Passes test. |

MAXIMUM LIMIT OF IMPURITIES

| | |
|---------------------------|---------|
| Loss on drying (at 110°C) | 5.0% |
| Zinc (Zn) | 9 - 15% |

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

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|---|--|
| WARNING Hazard statements: May be harmful if swallowed. May damage fertility. Precautionary statements Prevention: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Disposal: Dispose of contents and container in accordance with relevant legislation. | IMDG Code : -- UN No. : -- IATA : -- |
|---|--|

Hazard Pictogram(s) :-



GHS08

Replace Date 27-July-2018