

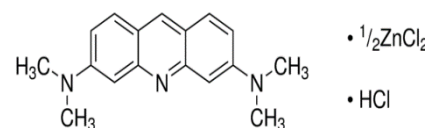


Product Specification

cdhfinechemical.com

ACRIDINE ORANGE (M.S.)

PRODUCT CODE	280135
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.

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 : --
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Hazard Pictogram(s) :-



GHS08

Replace Date 29-May-2023