

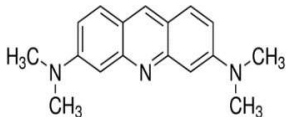


ISO 9001:2008 Co.



Rehsiff Scientific®

Manufacture & Importer of
Laboratory Fine Chemicals, Diagnostic Kit & Lab wares

ACRIDINE ORANGE (M.S.)

PRODUCT CODE	R05993	
SYNONYMS	(Basic orange 14, Acridine orange hemi zinc chloride hydrochloride)	
C.I. NO.	46005	
CASR NO.	(10127-02-3)	
ATOMIC OR MOLECULAR FORMULA	C₁₇H₁₉N₃.1/2ZnCl₂.HCl	
ATOMIC OR MOLECULAR WEIGHT	369.94	
PROPERTIES	-----	• 1/2ZnCl ₂ • HCl
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.		IMDG Code : -- UN No. : -- IATA : --
Disposal: Dispose of contents and container in accordance with relevant legislation.		
Hazard Pictogram(s) :- <div style="display: flex; justify-content: center; gap: 20px;">   </div>		

Replace Date 1 April 2023

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