



ISO 9001:2008 Co.



Rehsiff Scientific®

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

INDOLE-3-ACETIC ACID FOR BIOCHEMISTRY PLANT GROWTH HORMONE

PRODUCT CODE	R01822
SYNONYMS	(Heteroauxin; IAA; 3-Indoleacetic acid)
C.I. NO.	--
CASR NO.	(87-51-4)
ATOMIC OR MOLECULAR FORMULA	$C_{10}H_9NO_2$
ATOMIC OR MOLECULAR WEIGHT	175.18
PROPERTIES	Neutral material is levorotatory , insoluble in water and chloroform. (store below 30 deg C)
PARAMETER	LIMIT
Description	Almost white to buff to pink powder.
Solubility	10% solution in methanol should be clear
Minimum Assay (Potentiometric, Acidimetry)	98.0%
Melting Point	165 – 170°C
MAXIMUM LIMIT OF IMPURITIES	
Sulphated ash	0.3%
Heavy Metals (as Pb)	0.001%
Note(s) : Assay (if applicable) method mentioned.	
DANGER Hazard statements : No Hazard No Hazardous. Precautionary statements Prevention : ----- Response: -----	IMDG Code : -- UN No. : -- IATA : --
Disposal: Dispose of contents and container in accordance with relevant legislation.	
Hazard Pictogram(s) : -----	
 	
<small>GHS05 GHS07</small>	

Replace Date 1 April 2023

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