

606 - INDOLE-3-ACETIC ACID (IAA)

REF NO: TBL/QA/SS/LC/606	STANDARD SPECIFICATION FOR INDOLE-3-ACETIC ACID (IAA)	Rev. No: 03
Issue No: 04		Review Date: 26/10/2024
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PRODUCT PROPERTIES

C.A.S Number	87-51-4
Chemical Formula	C ₁₀ H ₉ NO ₂
Formula weight	175.18
Functional Uses	Indole-3-Acetic Acid (IAA) is used as signaling molecule necessary for development of plant organs and coordination of growth.
Standard Packaging	5 gm, 25 gm, 100gm, 1 Kg.

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White to off white crystalline powder.
Solubility	Sparingly soluble in water & chloroform in freely soluble in alcohol, Acetone and ether.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Ash	NMT – 0.3%
Assay	NLT – 98.0%

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

