



## CERTIFICATE OF ANALYSIS

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### 1. Identification

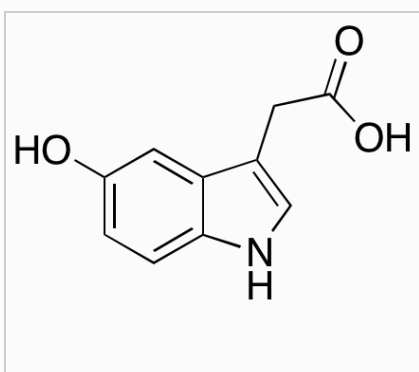
**Catalogue Number:** H953605

**CAS Number:** 54-16-0

**Synonym:** (5-Hydroxy-1H-indol-3-yl)acetic Acid; 5-HIAA; 5-Hydroxy-1H-indole-3-acetic Acid; 5-Hydroxy-3-indolylacetate; 5-Hydroxy-IAA; 5-Hydroxyheteroauxin; 5-Hydroxyindol-3-ylacetic Acid; 5-Hydroxyindole-3-acetic Acid; 5-Hydroxyindoleacetic Acid; 5-Oxyindoleacetic Acid; NSC 90432

**Product:** 5-Hydroxyindole-3-acetic Acid

**Structure:**



**Molecular Formula:**

$C_{10}H_9NO_3$

**Molecular weight:**

191.19

**Source of Product:**

N/A

**Solubility:**

DMSO (Slightly), Methanol (Slightly)

**Lot Number:** 19-SBL-66-1

**Purity:** 97%

**Shipping Condition:** This Product Is Stable To Be Shipped With Blue Ice

**Storage Condition:** -20°C

### 2. Warning

**Warning 1:**

**Warning 2:**

**Warning 3:**

### 3. Analytical Information

Tests:	Specifications:	Results:
Elemental Analysis	Conforms	%C: 62.18, %H: 4.88, %N: 7.10
Appearance	Light Beige to Very Dark Purple Solid	Light Beige to Beige Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
HPLC Purity	Report Result	97.58% (220 nm)

**Additional Information:** N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of  $\pm 2\%$ . Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

### 4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Swathi Reddy	Toni Rantanen	Christina Gouliaras	10/8/2021	10/6/2025