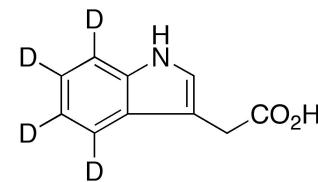


**CERTIFICATE OF ANALYSIS****1. Identification**

Catalogue Number 1577343      Lot Number 19-SBK-35-2

Product Name  
Indoleacetic Acid-d4

StructureSynonyms

1H-Indole-3-acetic Acid-d4; (1H-Indol-3-yl)acetic Acid-d4; 3-(Carboxymethyl)-1H-indole-d4; 3-(Carboxymethyl)indole-d4; 3-IAA-d4; 3-Indolylmethylcarboxylic Acid-d4; Bioenraiz-d4; GAP-d4; Heteroauxin-d4; IAA-d4; Noclosan-d4; Rhizopin-d4;

CAS Number

76937-77-4

Solubility

DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular FormulaC<sub>10</sub>H<sub>5</sub>D<sub>4</sub>NO<sub>2</sub>Source of Product

Synthetic

Long Term Storage Conditions

4°C

Molecular Weight

179.21

Purity

&gt;95%

**2. Warnings**

Not Determined

**3. Analytical Information**

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to Pale Brown Solid	Pale Brown Solid
NMR	Conforms to Structure	Conforms
HPLC Purity	>95%	99.40% (220 nm)
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	95.1%

Additional Information

Normalized Intensity: d<sub>0</sub> = 0.00%, d<sub>1</sub> = 0.00%, d<sub>2</sub> = 1.15%, d<sub>3</sub> = 17.21%, d<sub>4</sub> = 81.64%

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**

<u>Reviewed by</u>	<u>Reviewed by</u>	<u>C of A Approved by</u>	<u>Test Date</u>	<u>Retest Date</u>
R. <i>[Signature]</i> swathi reddy Product Quality Specialist	<i>[Signature]</i> Toni Rantanen Manager, Quality Assurance	<i>[Signature]</i> Chanell Chu Quality Assurance Associate	4/22/2024	4/20/2028