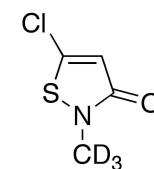


CERTIFICATE OF ANALYSIS**1. Identification**

Catalogue Number C369237 Lot Number 26-BHW-182-5

Product Name
5-Chloro-2-methyl-3-isothiazolone-d3

StructureSynonyms

5-Chloro-2-methyl-3(2H)-isothiazolone-d3; 2-Methyl-5-chloro-3-isothiazolone-d3; 2-Methyl-5-chloroisothiazolin-3-one-d3; A 33-d3; Bioace-d3; HS 818-d3; Kathon CG 5243-d3; Kathon IXE-d3; Methylchloroisothiazolinone-d3;

CAS Number

1329611-34-8

Solubility

Chloroform (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular FormulaC₄HD₃CINOSSource of Product

Synthetic

Long Term Storage Conditions

4°C

Molecular Weight

152.62

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	Off-White to Light Yellow Solid	Pale Yellow to Light Yellow Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 31.41, %H: 2.68, %N: 9.08
HPLC Purity	>95%	97.63% (275 nm)
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	99.6%

Additional InformationNormalized Intensity: d₀ = 0.05%, d₁ = 0.41%, d₂ = 0.35%, d₃ = 99.19%

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>
			5/12/2025	5/10/2029

Vijaya Annapareddy
Product Quality Specialist

Toni Rantanen
Manager, Quality Assurance

Sadaf Samadi
Quality Assurance Associate