



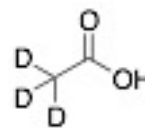
1. Identification

Catalogue Number

A167646

Lot Number

DE-411

StructureProduct Name

Acetic-2,2,2-d3 Acid

SynonymsCAS Number

1112-02-3

Solubility

Chloroform (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula $C_2HD_3O_2$ Source of Product

Synthetic

Long Term Storage Conditions

4°C, Inert atmosphere

Molecular Weight

63.07

Purity

>95%

2. Warnings

Volatile

3. Analytical Information

Tests

Appearance

Specifications

Colourless Oil

Results

Clear Colourless Oil

NMR

Conforms to Structure

Conforms

C NMR

Conforms to Structure

Conforms

GC Purity

>95%

99.08%

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

95.9%

Additional InformationNormalized Intensity: $d_0 = 0.08\%$, $d_1 = 3.50\%$, $d_2 = 5.11\%$, $d_3 = 91.31\%$

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

Farnaz Mahmoudi

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Christina Gouliaras

Quality Assurance Associate

Test Date

1/21/2025

Retest Date

1/19/2032