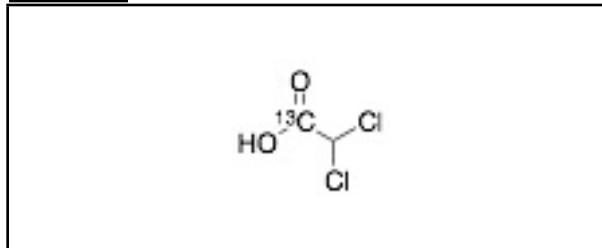


**1. Identification**Catalogue Number

D431828

Lot Number

8-SKR-87-4

StructureProduct Name

2,2-Dichloroacetic Acid-1-13C

SynonymsCAS Number

173470-70-7

Solubility

Chloroform (Slightly), Ethyl Acetate (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped With Blue Ice

Molecular Formula $C^{13}H_2Cl_2O_2$ Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Inert atmosphere

Molecular Weight

129.93

Purity

98%

2. Warnings

Light Sensitive

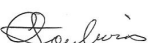
3. Analytical Information

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	Colourless to Yellow Oil	Clear Colourless Oil
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 19.19, %H: 1.81
HPLC Purity	Report Result	99.60% (196 nm)
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	>99.9%

Additional InformationNormalized Intensity: $^{13}C_0 = 0.00\%$, $^{13}C_1 = 100.00\%$

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>
 Sarbjit Kaur Product Quality Specialist	 Toni Rantanen Manager, Quality Assurance	 Christina Gouliaras Quality Assurance Associate	2/21/2024	2/19/2028