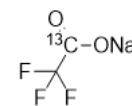


**CERTIFICATE OF ANALYSIS****1. Identification**

Catalogue Number **S554460**

Lot Number **7-GAT-55-3**

Structure



Product Name

Sodium Trifluoroacetate-13C

Synonyms

CAS Number

286425-32-9

Solubility

DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

$C^{13}CHF_3O_2Na$

Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Inert atmosphere

Molecular Weight

138.01

Purity

98%

**2. Warnings****3. Analytical Information**

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to Off-White Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
F NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 17.01, %H: 0.41
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	99.81%
Sodium Content	Report Result	16.08% by Ion Chromatography

Additional Information

Normalized Intensity:  $^{13}C_0 = 0.19\%$ ,  $^{13}C_1 = 99.81\%$

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>
			9/1/2022	8/30/2026

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