



CERTIFICATE OF ANALYSIS

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1. Identification

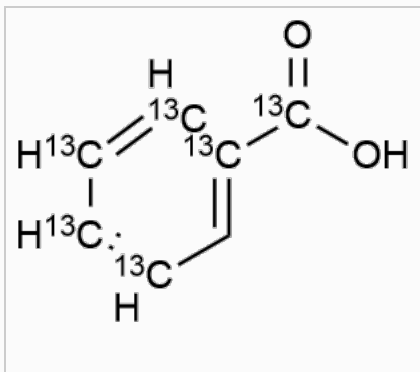
Catalogue Number: B203903

CAS Number: 125945-98-4

Product: Benzoic Acid-13C6

Synonym: Benzenecarboxylic Acid-13C6; Benzeneformic Acid-13C6; Benzenemethanoic Acid-13C6; Carboxybenzene-13C6; Dracrylic Acid-13C6; E 210-13C6; HA 1-13C6; MENNO-Florades-13C6; NSC 149-13C6; Phenylcarboxylic Acid-13C6; Phenylformic Acid-13C6; Purox B-13C6; Retarder BA-13C6; Retardex-13C6; Salvo Liquid-13C6; Solvo Powder-13C6; Tenn-Plas-13C6; VevoVitalI-13C6;

Structure:



Molecular Formula:

$C^{13}C_6H_6O_2$

Molecular weight:

128.08

Source of Product:

N/A

Solubility:

Chloroform (Slightly),
Methanol (Very Slightly)

Lot Number: 6-PUD-158-1

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Off-White Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
HPLC Purity	Report Result	99.78% (230 nm)
Isotopic Purity	>95%	98.9%

Additional Information:

Normalized Intensity: 13C0 = 0.04%, 13C1 = 0.03%, 13C2 = 0.19%, 13C3 = 0.04%, 13C4 = 0.03%, 13C5 = 5.46%, 13C6 = 94.22%

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	Reviewed By	C of A Approved By	Test Date	Retest Date
Sarbjee Kaur	Toni Rantanen	Chanell Chu	8/30/2023	8/28/2027
				