



## CERTIFICATE OF ANALYSIS

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### 1. Identification

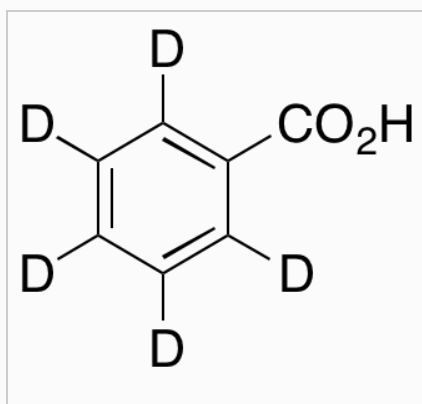
**Catalogue Number:** B203902

**CAS Number:** 1079-02-3

**Product:** Benzoic Acid-d5

**Synonym:** Benzenecarboxylic Acid-d5; Benzeneformic Acid-d5; Benzenemethanoic Acid-d5; Carboxybenzene-d5; Dracrylic Acid-d5; E 210-d5; HA 1; MENNO-Florades-d5; NSC 149-d5; Phenylcarboxylic Acid-d5; Phenylformic Acid-d5; Purox B-d5; Retarder BA-d5; Retardex-d5; Salvo Liquid-d5; Solvo Powder-d5; Tenn-Plas-d5; VevoVital-d5;

**Structure:**



**Molecular Formula:**

C<sub>7</sub>HD<sub>5</sub>O<sub>2</sub>

**Molecular weight:**

127.15

**Source of Product:**

N/A

**Solubility:**

Acetonitrile (Slightly), Chloroform (Slightly), Ethyl Acetate (Slightly), Methan

**Lot Number:** 3-HBN-15-1

**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
C NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
HPLC Purity	Report Result	100.00% (230 nm)
Isotopic Purity	>95%	98.6%

**Additional Information:**

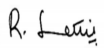
Normalized Intensity: d0 = 0.02%, d1 = 0.03%, d2 = 0.25%, d3 = 0.30%, d4 = 5.28%, d5 = 94.12%

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 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**

Swathi Reddy



**Reviewed By**

Toni Rantanen



**C of A Approved  
By**

Chanell Chu



**Test Date**

4/6/2023

**Retest Date**

4/4/2027