



# CERTIFICATE OF ANALYSIS

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## 1. Identification

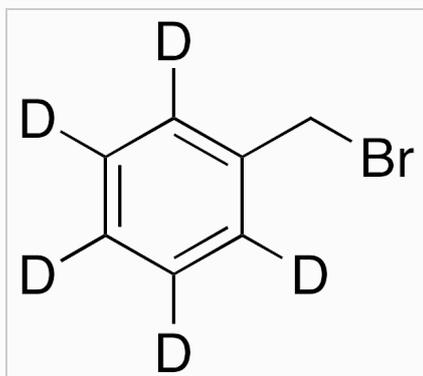
**Catalogue Number:** B233652

**CAS Number:** 71258-22-5

**Product:** Benzyl-d5 Bromide

**Synonym:**  $\alpha$ -Bromotoluene-d5; (Bromomethyl)benzene-d5; (Bromophenyl)methane-d5; 1-(Bromomethyl)benzene-d5; Benzyl Bromide-d5; NSC 8041-d5; Phenylmethyl Bromide-d5;  $\alpha$ -Bromotoluene-d5;  $\omega$ -Bromotoluene-d5; (Bromomethyl)-benzene-d5

**Structure:**



**Molecular Formula:**

$C_7H_2D_5Br$

**Molecular weight:**

176.07

**Source of Product:**

Synthetic

**Solubility:**

Acetone (Slightly), Chloroform (Slightly)

**Lot Number:** 11-QIU-148-1

**Purity:** 96%

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

**Storage Condition:** 4°C, Inert atmosphere

## 2. Warning

**Warning 1:**

**Warning 2:**

**Warning 3:**

## 3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Colourless to Dark Orange Oil	Clear Colourless Oil
Elemental Analysis	Conforms	%C: 47.46, %H: 4.16
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	98.2% ( $d_0 = 0.00\%$ )
NMR	Conforms to Structure	Conforms
HPLC Purity	Report Result	95.52% (225 nm)

**Additional Information:**

\*\*\*Material was manufactured at CDN Isotopes, an affiliate of TRC\*\*\*

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
Evan Burns	Toni Rantanen	Chanell Chu	7/23/2021	7/21/2025

Evan Burns