



## CERTIFICATE OF ANALYSIS

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### 1. Identification

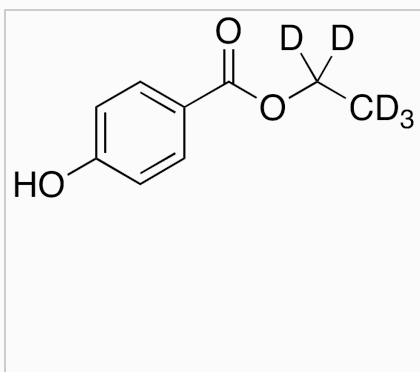
**Catalogue Number:** E925477

**CAS Number:** 126070-21-1

**Product:** Ethyl-d5 Paraben

**Synonym:** 4-Hydroxybenzoic Acid Ethyl-d5 Ester; 4-(Ethoxy-d5-carbonyl)phenol; 4-Carboethoxyphenol-d5; 4-Hydroxybenzoic Acid Ethyl-d5 Ester; Aseptin A-d5; Aseptiform E-d5; Easeptol-d5; Ethyl-d5 4-Hydroxybenzoate; Ethyl-d5 Butex; Mekkings E-d5; Mycocten-d5; NSC 23514-d5; p-Carboethoxyphenol-d5;

**Structure:**



**Molecular Formula:**

$C_9H_5D_5O_3$

**Molecular weight:**

171.2

**Source of Product:**

Synthetic

**Solubility:**

Chloroform (Slightly),  
Methanol (Slightly)

**Lot Number:** 1-MS-C-117-2

**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 Solid
MS	Conforms to Structure	Conforms
NMR	Conforms to Structure	Conforms
Isotopic Purity	>95%	99.6%
Elemental Analysis	Conforms	%C: 62.32, %H: 5.99
HPLC Purity	Report Result	99.70% (255 nm)

**Additional Information:**

Normalized Intensity: d0 = 0.01%, d1 = 0.00%, d2 = 0.00%, d3 = 0.00%, d4 = 2.19%, d5 = 97.80%

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**

Swathi Reddy

**Reviewed By**

Toni Rantanen

**C of A Approved By**

Chanell Chu

**Test Date**

11/8/2022

**Retest Date**

11/6/2029

