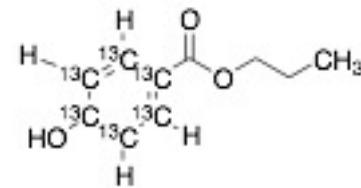


**CERTIFICATE OF ANALYSIS****1. Identification**

<u>Catalogue Number</u>	<u>Lot Number</u>
P838288	17-JWA-101-1
<u>Product Name</u>	
Propyl Paraben-13C6	

StructureSynonyms

4-Hydroxybenzoic Acid Propyl Ester-13C6; 4-Hydroxybenzoic Acid Propyl Ester-13C6; Aseptoform P-13C6; Bonomold OP-13C6; Chemocide PK-13C6; Mekkings P-13C6; NSC 23515-13C6; Propyl Chemosept-13C6; Propyl p-Hydroxybenzoate-13C6; Propylparasapt-13C6; n-Propylparaben-13C6;

CAS Number

2075718-26-0

Solubility

DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula $C_4^{13}C_6H_{12}O_3$ Source of Product

Synthetic

Long Term Storage Conditions

4°C

Molecular Weight

186.16

Purity

&gt;95%

**2. Warnings**

Not Determined

**3. Analytical Information**

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to Pale Brown Solid	Off-White to Pale Brown Solid
NMR	Conforms to Structure	Conforms
HPLC Purity	>95%	100.00% (255 nm)
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	99.0%

Additional Information

Normalized Intensity:  $^{13}C_0 = 0.03\%$ ,  $^{13}C_1 = 0.00\%$ ,  $^{13}C_2 = 0.01\%$ ,  $^{13}C_3 = 0.00\%$ ,  $^{13}C_4 = 0.04\%$ ,  $^{13}C_5 = 5.89\%$ ,  $^{13}C_6 = 94.03\%$

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>
			2/28/2025	2/26/2029
Swathi Reddy Product Quality Specialist	Toni Rantanen Manager, Quality Assurance	Rami Dhanoa Quality Assurance Associate		