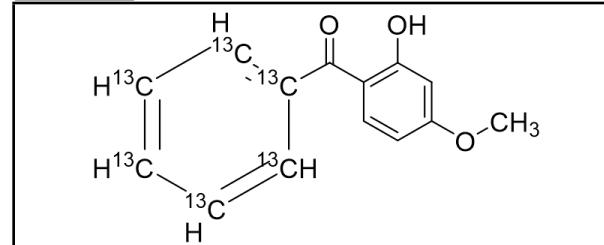


CERTIFICATE OF ANALYSIS**1. Identification**

Catalogue Number 0867301 Lot Number 20-XDD-53-2

Product Name
Oxybenzone-(phenyl-13C6)

StructureSynonymsCAS Number

N/A

Solubility

No Data Available

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula C₈¹³C₆H₁₂O₃

Source of Product

Synthetic

Long Term Storage Conditions

4°C

Molecular Weight 234.2

Purity

>95%

4°C**2. Warnings**

Not Determined

3. Analytical Information

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	Off-White to Pale Yellow Solid	Off-White to Pale Yellow Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 71.65, %H: 5.04
HPLC Purity	>95%	99.25% (200 nm)
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	99.1%

Additional InformationNormalized Intensity: ¹³C₀ = 0.22%, ¹³C₁ = 0.03%, ¹³C₂ = 0.35%, ¹³C₃ = 0.04%, ¹³C₄ = 0.00%, ¹³C₅ = 2.34%, ¹³C₆ = 97.02%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>
			3/22/2023	3/20/2027
Swathi Reddy Product Quality Specialist	Toni Rantanen Manager, Quality Assurance	Chanell Chu Jr. Quality Assurance		