

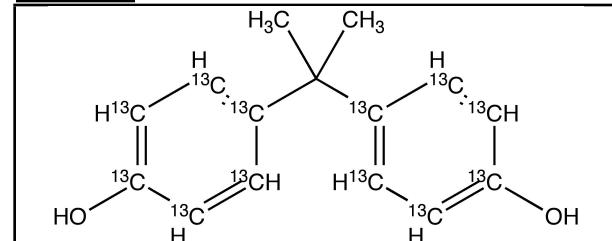
CERTIFICATE OF ANALYSIS**1. Identification**

Catalogue Number B519498 Lot Number 2-NAV-200-5

Product Name
Bisphenol A-13C12

Synonyms

4,4'-(1-Methylethylidene)bisphenol-13C12; 2,2-Bis(4-hydroxyphenyl)propane-13C12;
(4,4'-Dihydroxydiphenyl)dimethylmethane-13C12; 4,4'-Isopropylidenediphenol-13C12;

StructureCAS Number

263261-65-0

Solubility

DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula $C_3^{13}C_{12}H_{16}O_2$ Source of Product

Synthetic

Long Term Storage Conditions

4°C

Molecular Weight

240.2

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to Light Beige Solid	Off-White to Pale Beige Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 75.33, %H: 7.02
HPLC Purity	>95%	98.62% (196 nm)
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	98.8%

Additional Information

Normalized Intensity: $^{13}C_0 = 0.05\%$, $^{13}C_1 = 0.08\%$, $^{13}C_2 = 0.17\%$, $^{13}C_3 = 0.08\%$, $^{13}C_4 = 0.05\%$, $^{13}C_5 = 0.01\%$, $^{13}C_6 = 0.05\%$, $^{13}C_7 = 0.01\%$, $^{13}C_8 = 0.06\%$, $^{13}C_9 = 0.07\%$, $^{13}C_{10} = 0.35\%$, $^{13}C_{11} = 8.29\%$, $^{13}C_{12} = 90.73\%$

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>
			11/30/2023	11/28/2027

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