



CERTIFICATE OF ANALYSIS

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1. Identification

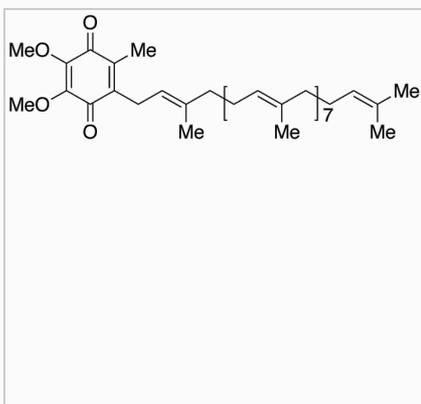
Catalogue Number: C636500

CAS Number: 303-97-9

Product: Coenzyme Q9

Synonym: (all-E)-2,3-dimethoxy-5-methyl-6-(3,7,11,15,19,23,27,31,35-nonamethyl-2,6,10,14,18,22,26,30,34-hexatriacontanonaenyl)-2,5-cyclohexadiene-1,4-dione; CoQ9; NSC 226993; Ubiquinone 45; Ubiquinone 9; Ubiquinone Q9; USP Ubiquinone Related Compound A;

Structure:



Molecular Formula:

$C_{54}H_{82}O_4$

Molecular weight:

795.23

Source of Product:

N/A

Solubility:

Chloroform (Slightly), Ethyl Acetate (Slightly), Methanol (Slightly)

Lot Number: 13-ABY-129-1

Purity: 97%

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

Storage Condition: -20°C, Inert atmosphere, Light sensitive

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Yellow to Dark Orange Solid	Yellow to Orange Solid
NMR	Conforms to Structure	Conforms
HPLC Purity	Report Result	97.50% (205 nm)
MS	Conforms to Structure	Conforms

Additional Information: N/A

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
Sarbjeet Kaur	Toni Rantanen	Chanell Chu	3/13/2023	3/11/2030