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CERTIFICATE OF ANALYSIS

Analysis Date: Mar 2025

Re-test Date: Feb 2028

Product Name: Ubidecarenone (In House Standard)

Identification:

Chemical Name: 2-[(all-E)-3,7,11,15,19,23,27,31,35,39-Decamethyltetraconta-2,6,10,14,18,22,26,30,34,38-decaenyl]-5,6-dimethoxy-3-methylbenzene-1,4-dione (as per EP)

Synonyms : Coenzyme Q10

CAS Number : 303-98-0

CAT Number : CP-U5000

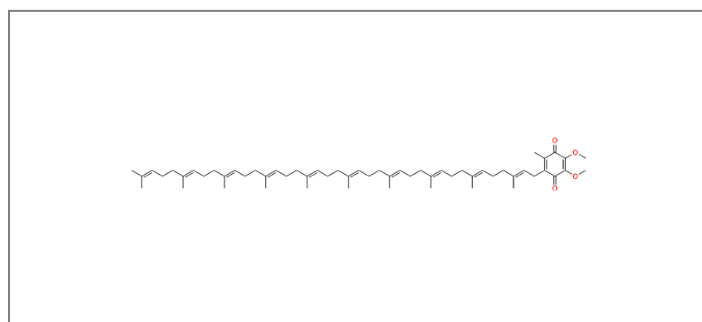
Molecular Formula : C₅₉H₉₀O₄

Molecular Weight : 863.4

Batch Number : CP-UBI-0924

Storage Condition : Tightly closed, Inert atmosphere at -20° C

Shipping condition : At low temperature with dry ice and ice pack gel



Analytical Information:

Sr. No.	Test	Result
1)	Description	Orange Solid
2)	Solubility	Slightly Soluble in MeOH: ACN (8 :2) 1mg/1ml / DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.57%
5)	¹ H NMR	Confirm to structure
6)	¹³ C NMR	Confirm to Structure
7)	IR	Confirm to Structure
8)	Weight loss by TGA	0.020%
9)	Potency by TGA	99.55%



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Quality Control)

Approved By

Ms Rohini Gagare
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.