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CERTIFICATE OF ANALYSIS

Analysis Date: Aug 2025

Re-test Date: Jul 2027

Product Name: Idebenone Impurity A

Identification:

Chemical Name: 2-(10-Hydroxydecyl)-5-methoxy-3-methylcyclohexa-2,5-diene-1,4-dione

Synonyms : NA

CAS Number : 116460-82-3

CAT Number : CP-I36005

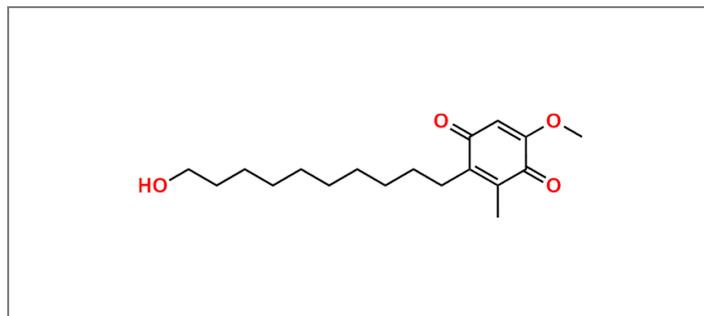
Molecular Formula : C₁₈H₂₈O₄

Molecular Weight : 308.42

Batch Number : CP-IDE-A-0825

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	Pale Yellow Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	92.96%
5)	¹ H NMR	Confirm to structure
6)	¹³ C NMR	Confirm to Structure
7)	IR	Confirm to Structure
8)	Weight loss by TGA	0.314%
9)	Potency by TGA	92.67%



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.