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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Neoxanthin (In House Standard)**

### Identification:

Chemical Name: (1R,3S)-6-((3E,5E,7E,9E,11E,13E,15Z,17E)-18-((1S,4S,6R)-4-hydroxy-2,2,6-trimethyl-7-oxabicyclo[4.1.0]heptan-1-yl)-3,7,12,16-tetramethyloctadeca-1,3,5,7,9,11,13,15,17-nonaen-1-ylidene)-1,5,5-trimethylcyclohexane-1,3-diol

Synonyms : NA

Structure not available

CAS Number : 14660-91-4

CAT Number : CP-N119000

Molecular Formula : C<sub>40</sub>H<sub>56</sub>O<sub>4</sub>

Molecular Weight : 600.88

### Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>98%
5)	H1NMR	Confirm to structure



### Prepared and Reviewed By



Ms Priyanka Salunkhe  
(Manager QC Analytical)

### Approved By



Ms Rohini Gagare  
(QA Head)

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