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CERTIFICATE OF ANALYSIS

Analysis Date: Oct 2024

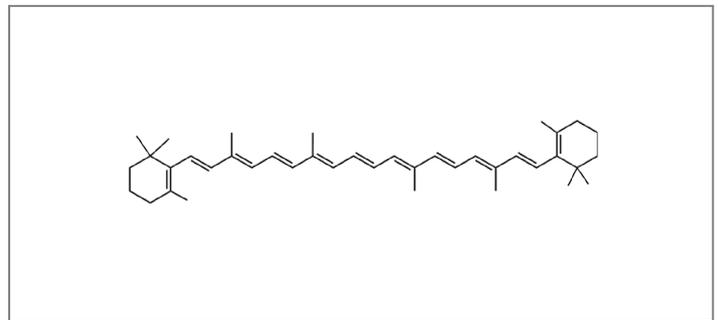
Re-test Date: Sep 2027

Product Name: Beta Carotene

Identification:

Chemical Name: (all-E)-1,1'-(3,7,12,16-Tetramethyl-1,3,5,7,9,11,13,15,17- octadecanonaene-1,18-diyl)bis[2,6,6-trimethylcyclohexene] (as per USP)

Synonyms : NA
CAS Number : 7235-40-7
CAT Number : CP-1065480
Molecular Formula : C₄₀H₅₆
Molecular Weight : 536.87
Batch Number : CP-CAR-BET-0924
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	Red Solid
2)	Solubility	Soluble in Chloroform
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.12%
5)	¹ H NMR	Confirm to structure
6)	Weight loss by TGA	0.608%
7)	Potency by TGA	98.52%



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.