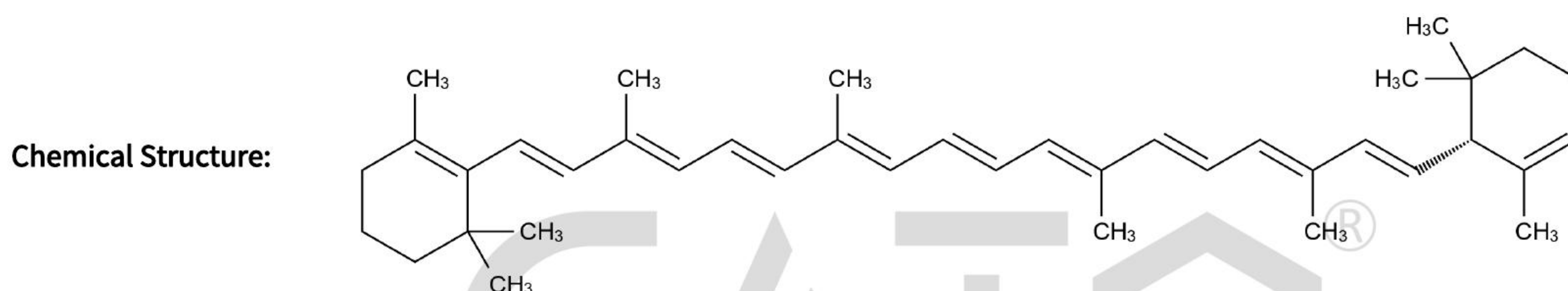


Certificate of Analysis

Reference Material & Standard

Product Name:	alpha-Carotene	Catalogue Number:	CCFD201215
Synonyms:	N/A	Lot Number:	0928-RG-0160
CAS Number:	7488-99-5	Expiry Date:	Jul 02, 2027
Molecular Formula:	C ₄₀ H ₅₆	Storage:	-80°C±5°C Protected from light and Sealed
Molecular Weight:	536.87		



Test Items	Method	Results
Appearance	Visual inspection	Red to Dark Red Solid
Purity	HPLC	97.7%
Uncertainty		±0.5%

Comment:

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Lisa

Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: Sep 29, 2025

Date: Sep 29, 2025

Date: Sep 29, 2025



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

