

Certificate of Analysis

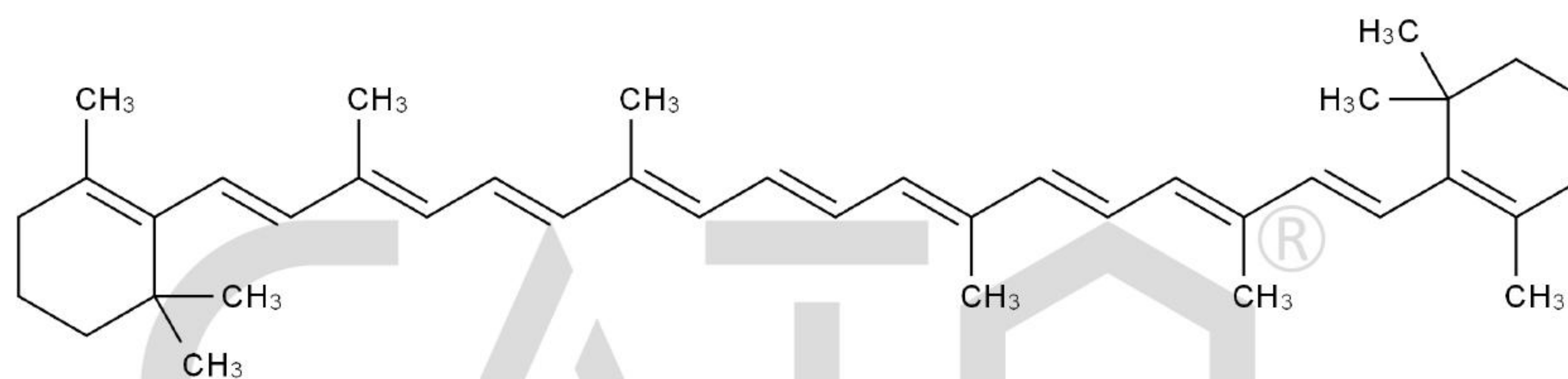
Reference Material & Standard

Product Name:	Beta-Carotene	Catalogue Number:	CCFD200061
Synonyms:	N/A	Lot Number:	0827-RH-0082
CAS Number:	7235-40-7	Expiry Date:	Sep 02, 2028
Molecular Formula:	C ₄₀ H ₅₆	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	536.87	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Brown Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.5%
Assay	qNMR	92.4%
Uncertainty		±1.4%

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:

Nice

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Sep 03, 2026

Date: Sep 03, 2026

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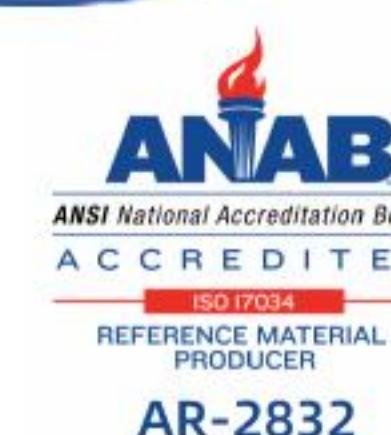
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