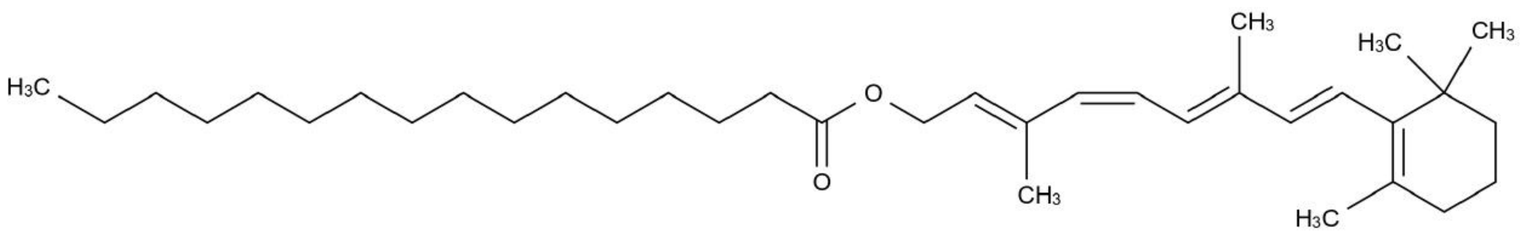
Certificate of Analysis

Reference Material & Standard

Product Name:	11-cis-Vitamin A Palmitate	**Catalogue Number:**	C4X-218712
Synonyms:	N/A	**Lot Number:**	0910-RH-0112
CAS Number:	51249-33-3	**Expiry Date:**	Apr 20, 2030
Molecular Formula:	$C_{36}H_{60}O_2$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	524.86	**Shipping Condition:**	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Oil
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.0%
Assay	qNMR	91.1%

CATO Research Chemicals Inc.

Signature:

Prepared by: Reviewed by: Approved by General Manager:

Date: Sep 11, 2026 Date: Sep 11, 2026 Date: Sep 11, 2026