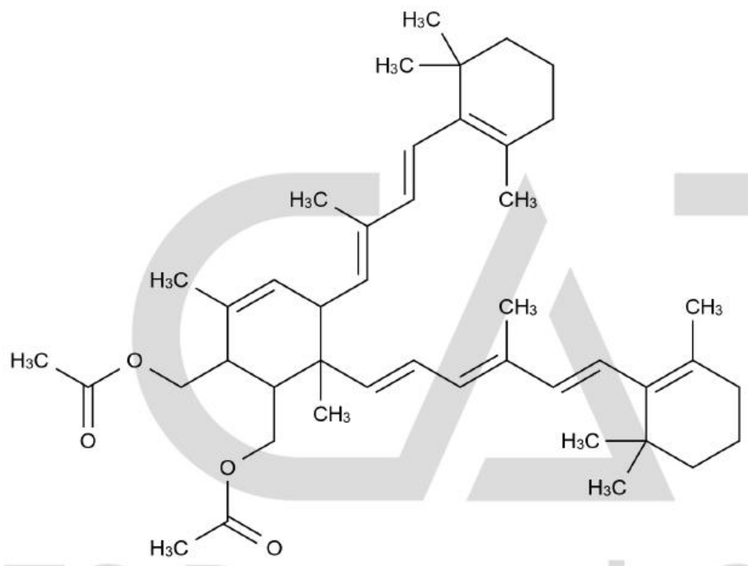
Certificate of Analysis

Reference Material & Standard

Product Name:	Vitamin A EP Impurity A(Kitol Diacetate) (Mixture of Diastereomers)	**Catalogue Number:**	C4X-21878
Synonyms:	N/A	**Lot Number:**	0708-RH-0075
CAS Number:	13828-13-2	**Expiry Date:**	Nov 30, 2027
Molecular Formula:	$C_{44}H_{64}O_4$	**Storage:**	-80°C±5°C Protected from light and Sealed
Molecular Weight:	656.98	**Shipping Condition:**	Shipping with Dry Ice
		Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Oil
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.1%
Assay	qNMR	93.3%

Signature:

Prepared by: Date: Nov 04, 2026

Reviewed by: Date: Nov 04, 2026

Approved by General Manager: Date: Nov 04, 2026

CATO Research Chemicals Inc.