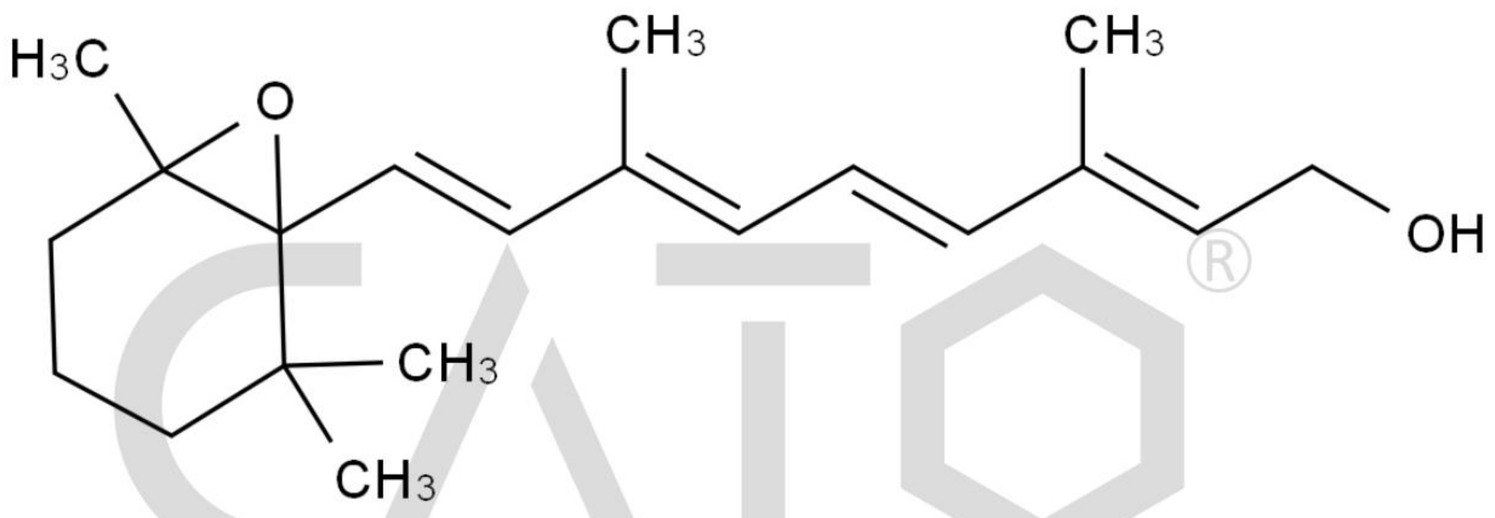
Certificate of Analysis

Reference Material & Standard

Product Name:	5,6-monoepoxy Vitamin A	**Catalogue Number:**	C4X-218711
Synonyms:	N/A	**Lot Number:**	0916-RH-0113
CAS Number:	512-39-0	**Expiry Date:**	Jul 16, 2028
Molecular Formula:	$C_{20}H_{30}O_2$	**Storage:**	-80°C±5°C Protected from light and Sealed
Molecular Weight:	302.45	**Shipping Condition:**	Shipping with Dry Ice

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Low-Melting Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.6%
Assay	qNMR	90.1%

CATO Research Chemicals Inc.

Signature:

Prepared by: Date: Sep 17, 2026

Reviewed by: Date: Sep 18, 2026

Approved by General Manager: Date: Sep 18, 2026

CATO Research Chemicals Inc.

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ANAB ANSI National Accreditation Board ACCREDITED ISO 17034 REFERENCE MATERIAL PRODUCER AR-2832

ISO 9001:2000 SYSTEM CERTIFICATION SGS

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