

Certificate of Analysis

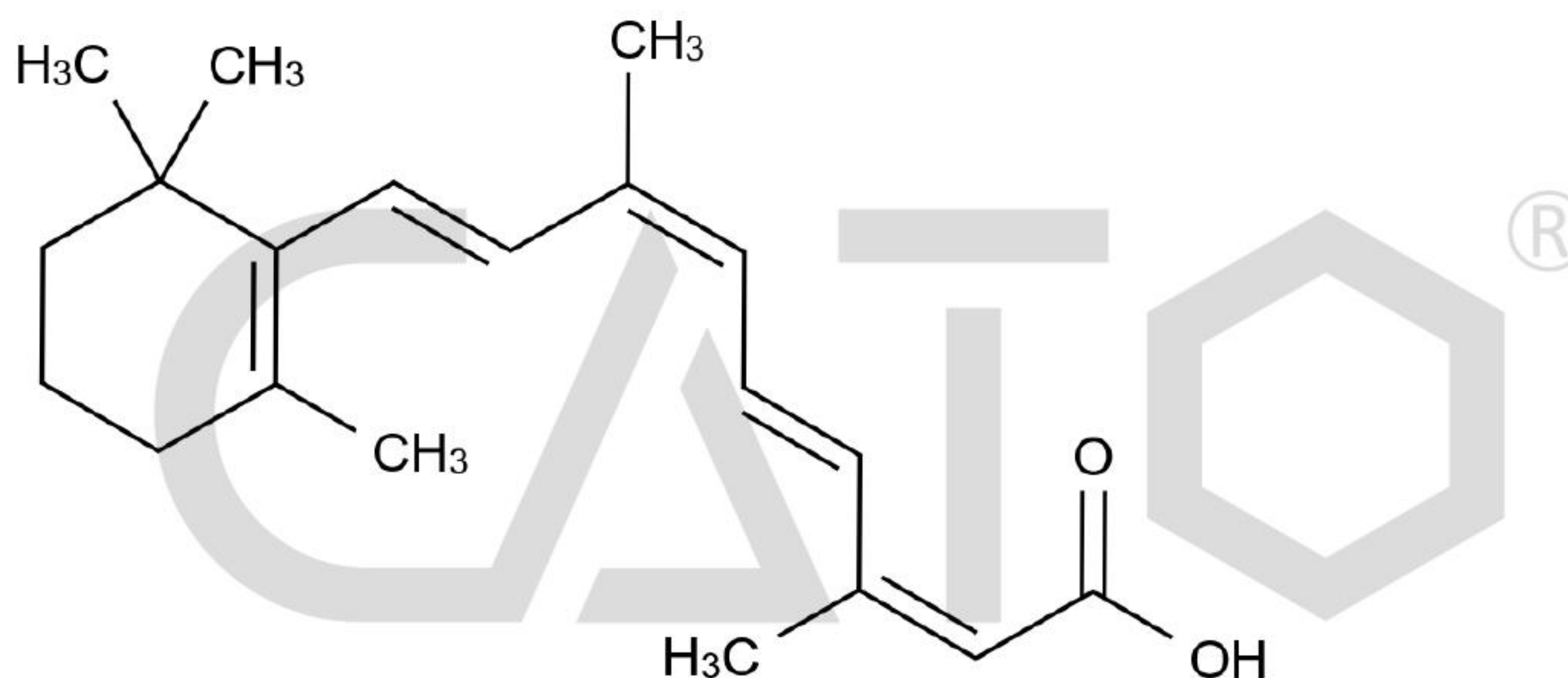
Reference Material & Standard

Product Name:	Tretinoin EP Impurity B (9,13-di-cis-Retinoic Acid)	Catalogue Number:	C4X-19691
Synonyms:	N/A	Lot Number:	0403-RH-0081
CAS Number:	5352-74-9	Expiry Date:	Feb 08, 2030
Molecular Formula:	C ₂₀ H ₂₈ O ₂	Storage:	-80°C±5°C Protected from light and Sealed
Molecular Weight:	300.44	Shipping Condition:	Shipping with Dry Ice

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	99.8623%
Loss on Drying	TGA	0.4806%
Assay		99.4%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss on Drying) * Purity HPLC (%) / 100%

Loss on Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Reviewed by:

Approved by General Manager:

Date: Apr 07, 2026

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