



CERTIFICATE of ANALYSIS

PRODUCT:	9-cis-Retinoic acid C ₂₀ H ₂₈ O ₂ , M.W. 300.4, CAS# [5300-03-8]
PRODUCT NUMBER:	R-2002
LOT NUMBER:	A8939A
APPEARANCE:	Pale Yellow Solid
SOLUBILITY:	Soluble in DMSO (25 mg/ml) and Ethanol (25 mg/ml)
PURITY (HPLC):	> 98% (HPLC: Column: μ Porasil; Flow rate: 1 mL/min.; Detector: 280nm; Solvent: Hexane/i-PrOH/HOAc, 2000/5/1; UVmax; 343nm (ϵ = 36,500)
MELTING POINT:	190-192°C
APPLICATION NOTES:	Compound is light sensitive. A high affinity ligand for retinoid X receptor (RXR). Destabilizes VDR-RXR heterodimer-DNA complex.
STORAGE & HANDLING:	Store at -20°C. Solutions can be stored at -20°C for up to 3 months. PROTECT FROM LIGHT!

CAUTION: For research use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified: **KT**