

CERTIFICATE OF ANALYSIS

PRODUCT:	All-<i>trans</i> Retinal all- <i>trans</i> -Vitamin A Aldehyde, Retinene [(all-E)-3,7-Dimethyl-9-(2,6,6-trimethyl-1-cyclohexen-1-yl)-2,4,6,8-nonatetraenal] C ₂₀ H ₂₈ O, M.W. 284.44, CAS# [116-31-4]
PRODUCT NUMBER:	R-1048
LOT NUMBER:	G1023
APPEARANCE:	Yellow to Orange solid
SOLUBILITY:	Chloroform, Methanol
PURITY:	95%
MELTING POINT:	61-65°C
IDENTITY:	Confirmed by ¹ H-NMR (CDCl ₃) and MS
OTHER DATA:	TLC conditions: SiO ₂ ; Hexane: Ethyl Acetate = 4:1; Visualized with Naked Eye and KMnO ₄ ; R _f =0.50.
STORAGE & HANDLING:	Store at -20°C. PACKAGED UNDER INERT GAS! HYGROSCOPIC! 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: EV