

Retinyl Acetate, Antibiotics Free, Animal Free

Cat. No. Retinyl acetate-005 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Retinyl acetate
Description	Retinyl Acetate is a naturally-occurring fatty acid ester form of retinol (vitamin A) with potential antineoplastic and chemopreventive activities.
CAS No.	127-47-9
Molecular Mass	328.5
Molecular Formula	C ₂₂ H ₃₂ O ₂
Purity	Greater than or equal to 90.0 % (by HPLC)
Assay	≥ 2.8 million IU/g
Peroxide value	≤ 10 meq/kg
Acid value	≤ 2.0 mgKOH/g
Retinol	≤ 1.0 g/100g
Related substance:	Absorbance Ratio A 300/A 326 nm: ≤ 0.60 Absorbance Ratio A 350/A 326 nm: ≤ 0.54 Absorbance Ratio A 370/A 326 nm: ≤ 0.14 Pb: ≤ 0.5 mg/kg

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	Cd: ≤ 0.5 mg/kg Hg: ≤ 0.1 mg/kg As: ≤ 1 mg/kg Heavy metals: ≤ 10 mg/kg
Residual solvent	Methanol: ≤ 3000 mg/kg Heptane: ≤ 5000 mg/kg
Solubility	50 mg/mL in chloroform, solution is clear to yellow green
Storage	Keep container tightly closed in a dry and well-ventilated place.
GENE INFORMATION	
Official Symbol	Retinyl acetate
Synonyms	Vitamin A acetate; Retinyl acetate