

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-15 11:35:58

Date of Next Testing: 2028-10-14 11:35:58

Product Name: **Retinol**

CAS Number: 68-26-8

Specifications & Purity: BioReagent, ≥97.5%(HPLC), ~3100 U/mg

Lot #: J2511019

SKU #: **R755730**

Version: **1**

Analysis #: **514898**

Storage Temperature: Protected from light,Store at -20°C,Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	97.5-100 (%)	99.67700 %
Melting point	56-61 (°C)	56.02000 °C
Water by Karl Fischer	0-0.5 (%)	0.42050 %
Assay(323-327nm,UV)	97-102 (%)	99.67000 %
potency	2900-3300 (U/mg)	3286.66700 U/mg
Appearance(R755730)	Faint yellow to very dark yellow powder or powder with lumps	Faint yellow to very dark yellow powder or powder with lumps
Solubility(0.25g in 5ml dioxane)Yellow to Very Dark Yellow,Clear))	pass	Pass



John Su
QA & QC Manager