

## **CERTIFICATE OF ANALYSIS**

<b>Product Name</b>	Vitamin A
<b>INCI Name</b>	Retinyl Palmitate, Tocopherol, Soybean Oil
<b>CAS#</b>	79-81-2, 1406-18-4, 8001-22-7
<b>Lot Number</b>	84623257Q9
<b>Manufacture Date</b>	09/2022
<b>Re-test Date</b>	09/2025

<b>Analytical Tests</b>	<b>Specifications</b>	<b>Results</b>
<b>Appearance</b>	Yellow viscous oil	CONFORMS
<b>Identification Vitamin A Retinyl Palmitate</b>	Must conform	CONFORMS
<b>Assay</b>	1.7 - 1.87	1.78
<b>Peroxide Value</b>	10 MAX.	3
<b>Acid Value</b>	2 MAX.	0.4
<b>Retinol</b>	1 MAX.	<1.0
<b>Absorbance Ratio A 300/ A 326nm</b>	0.6 MAX.	0.51
<b>Absorbance Ratio A 350/ A 326nm</b>	0.54 MAX.	0.51
<b>Absorbance Ratio A 370/ A 326nm</b>	0.14 MAX.	0.13
<b>Heavy Metals*</b>	10mg/kg max.	CONFORMS
<b>Nickel*</b>	Must conform 2mg/kg max	CONFORMS
<b>Residual Solvents (Methanol)</b>	Must conform	CONFORMS
<b>Residual Solvents (Heptane, Isopropanol)</b>	Must conform	CONFORMS

\*test is verified on random samples.  
The product is stabilized by tocopherol.

### **STABILITY AND STORAGE:**

Keep in tightly closed container in a cool and dry place, protected from sunlight.  
When stored for more than 36 months, quality should be checked before use.

**As it is electronically generated document, hence no signature required.**

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