

CERTIFICATE OF ANALYSIS

Product Name	Vitamin A
INCI Name	Retinyl Palmitate, Tocopherol, Soybean Oil
CAS#	79-81-2, 1406-18-4, 8001-22-7
Lot Number	96564192Q0
Manufacture Date	11/2022
Re-test Date	11/2025

Analytical Tests	Specifications	Results
Appearance	Yellow viscous oil	CONFORMS
Identification Vitamin A Retinyl Palmitate	Must conform	CONFORMS
Assay	1.7 - 1.87	1.75
Peroxide Value	10 MAX.	1
Acid Value	2 MAX.	0.2
Retinol	1 MAX.	<1.0
Absorbance Ratio A 300/ A 326nm	0.6 MAX.	0.58
Absorbance Ratio A 350/ A 326nm	0.54 MAX.	0.52
Absorbance Ratio A 370/ A 326nm	0.14 MAX.	0.12
Heavy Metals*	10mg/kg max.	CONFORMS
Nickel*	Must conform 2mg/kg max	CONFORMS
Residual Solvents (Methanol)	Must conform	CONFORMS
Residual Solvents (Heptane, Isopropanol)	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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