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Certificate of Analysis

Product Name:	Vitamin A Palmitate(USP 36)	Manufacture Date:	05 th ,Dec,2024
Test Date:	06 th ,Dec,2024	Batch No:	Sj20241205
Batch Quantity:	1600 Kg	Expiration Date	04 th ,Dec,2026

Items	Specifications	Results
Identification	A. Transient blue color appears at once in presence of Antimony Trichloride TS B. The blue green spot formed is indicative of predominant spots. corresponding to the different form of retinol, 0.7 for the palmitate.	Complies
Absorbance Ratio	The ration of corrected absorbance (A325) to the observed absorbance A325 is not less than 0.85	Complies
Appearance	Yellow or brown yellow oily liquid	Complies
Acidity	≤1.0mgKOH/g	0.40mgKOH/g
Peroxide Value	≤10meq/kg	1.2meq/kg
Heavy Metal	≤10ppm	Complies
Lead	≤2ppm	<1ppm
Arsenic	≤1ppm	<1ppm
Vitamin A Palmitate Content	≥1,700,000IU/g	1,751,000IU/g
The total content of the Vitamin A acetate and retinol	≤1.0%	0.33%
Total Plate Count	≤1000cfu/g	Complies
Yeast & Mold	≤100cfu/g	Complies
E. Coli	Negative/10g	Negative
Salmonella	Negative/25g	Negative

Storage	Store in cool & dry place. Do not freeze. Keep away from strong light and heat.
Shelf life	2 years when properly stored

Quality Assurance Officer: XiaoLiang Li

Analyst: Li He