



青 岛 润 昌 化 工 有 限 公 司
QINGDAO SAMIN CHEMICAL CO.,LTD.

SPECIFICATION

Product Name	Vitamin A Palmitate Oil
CAS No	123-67-89
Molecular Formular	$C_{22}H_{32}O_2$
Specification	1,000,000IU/g
Standard	USP35
Shelf Life	18months
Package	20kg/carton

ITEM

SPECIFICATION

Identification	A. Transient blue color appears at once in presence of Antimony Trichloride TS B. The blue green spot formed is indicative of retinol. The approximate RF values of the predominant spots. corresponding to the different from of retinol, 0.7 for the palmitate.
Absorbance Ratio	The ration of corrected absorbance (A325) to the observed absorbance A325 is not less than 0.5
Appearance	Yellow or brown yellow oily liquid
Acidity	$\leq 1.0\text{mgKOH/g}$
Peroxide Value	$\leq 10\text{meq/kg}$
Heavy Metal	$\leq 10\text{ppm}$
Lead	$\leq 2\text{ppm}$
Arsenic	$\leq 1\text{ppm}$
Vitamin A Palmitate Content	$\geq 1,000,000\text{IU/g}$
The total content of the Vitamin A acetate and retinol	$\leq 1.0\%$
Total Plate Count	$\leq 1000\text{cfu/g}$
Yeast & Mold	$\leq 100\text{cfu/g}$
E. Coli	Negative/10g
Salmonella	Negative/25g

Storage: Store in cool and dry place, in a well-close container, keep away from strong light and heat.

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