



# Vernon Walden Inc

## PRODUCT DATA SHEET

### **VITAMIN A PALMITATE SPRAY DRIED POWDER, USP 75 mg. R.E. (Retinol Equivalence), 250,000 I.U./gram PRODUCT CODE #VITA250-03**

#### DESCRIPTION

Vitamin A Palmitate powder is a stabilized, fine particle, food-grade, dry form of Vitamin A palmitate developed for use in flour and resulting baked products, beverages, powdered nutritional premixes, and sugar enrichment. This product is Certified Kosher, is non-GMO, and contains: IP certified Modified food starch, IP certified Maltodextrin N.F., Vitamin A Palmitate USP (Retinyl Palmitate U.S.P.), Medium Chain Triglycerides N.F./F.C.C., BHT N.F./F.C.C., Sucrose, Sodium Ascorbate, Silicon Dioxide F.C.C. (added as a flow aid), Disodium EDTA U.S.P./F.C.C., and Mixed Tocopherols N.F./F.C.C. (IP certified when Soy derived).

#### SPECIFICATIONS

Appearance		Tan to Light yellow fine powder
Potency		250,000 I.U./gram minimum on date of Production
Loss on drying		5.0% maximum
Identification, USP	A:	Passes
	B:	Passes
Absorbance ratio		The ratio of the corrected absorbance ( $A_{325}$ ) to the observed absorbance $A_{325}$ determined as directed under USP Vitamin A assay <571> is not less than 0.85
Solubility		Soluble in cold water, with milky appearance.
Mesh size, Typical		100% minimum through #60 USS 92% minimum through #80 USS 80% minimum through #100 USS 35% maximum through #200 USS
Density		0.45-0.57 grams/cc

#### STABILITY

This product is stable when stored protected from light and moisture in a cool, dry area, and will contain a minimum of 95% of the labeled potency for 14 months from the date of production. Vitamin A stability can be influenced by temperature, moisture, and/or mineral content of products in which it is used.

#### PACKAGING

25 kg. net weight corrugated boxes lined with two security sealed polyethylene bags.

#### COUNTRY OF ORIGIN

Manufactured in the USA from ingredients of Domestic and Imported origin.

#### STORAGE

Store product in airtight, moisture and light resistant packaging in a cool, dry area.

*While designed for a variety of Food and Beverage fortification applications, the suitability of this product for any particular application can be affected by other ingredients, moisture content and other formulation variables including processing conditions. Therefore Vernon Walden Inc. makes no warranty, either express or implied, to this product's suitability for a particular application. User shall determine the suitability of this product for the intended application and purpose, and assumes all associated risks and liability.*

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