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PRODUCT DATA

Vitamin A Palmitate (1.7 million I.U./g USP 27/EP4th)

CAS: [79-81-2]

M. Wt: 524.86
M. Fm: C₃₆H₆₀O₂

Description:

Light yellowish crystal or oily solution. It could be dissolved in ethanol, easily dissolved in ether, chloroform, acetone and esters, its melting point is 26 °C ~ 29 °C.

Main Specifications:

Product name	Vitamin A palmitate
Common chemical name	Retinol Palmitate
Molecular formula	C ₃₆ H ₆₀ O ₂
Molecular weight	524.86
Appearance	Light yellowish crystal or oily solution
Assay	≥ 1.7 million I.U./g
Identification	Positive
Absorbance ratios	Conform to USP
Acid value	≤ 2.0
Peroxides	Conform to EP

Packaging: It is packed in 10 kg carton (2 x 5 kg aluminum cans). The product is filled under nitrogen.

Stability: The product can be stored for up to 6 months in the unopened original containers at temperature of up to 20 °C.

Storage: As vitamin A palmitate is sensitive to atmospheric oxygen, light and heat. It should be store in the unopened original container in a cool place, it is recommended to flush opened containers with an inert gas and to use up their contents as quickly as possible.

Notice: 1 I.U. = 1USPU = 0.300 μg vitamin A alcohol = 0.550 μg vitamin A palmitate

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