



Specification

Vitamin A Palmitate Oil 1.7 Million IU/G (V-E)

CAS Number: 79-81-2
Molecular Formula: C₃₆H₆₀O₂
Molecular Weight: 524.87
Storage: 2°C - 8°C
Retest Period: 24 Months from date of manufacture.

Test	Specification
Appearance	Light yellowish oil liquid above 68°F, or waxy solid of under 65°F
Solubility	Soluble in fats, oil, and hydrocarbons
Identification	Positive
Loss on Drying	≤ 11.5%
Assay	≥ 95.0% of 1.7 million IU / Gram
Absorbance Ratio	Observed absorbance A(325) ≥ 0.85
Peroxide Value	≤ 10 meq / KG
Acidity (pH)	≤ 1.0 mg KOH / g
Anti-Oxidants	Tocohperol
Heavy Metals	≤ 10ppm
Arsenic	≤ 1ppm
Cadmium	≤ 1ppm
Lead	≤ 1ppm
Mercury	≤ 0.1ppm
Microbiology Specifications	
Total Plate Count	≤ 1000cfu/g
Yeast and Mold	≤ 100cfu/g
Coliforms	≤ 0.3cfu/g
E.Coli	Negative
Salmonella	Negative
Staph. Aureus	Negative

Approved:

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