

CERTIFICATE OF ANALYSIS

Product Name	VITAMIN A ACETATE		
Batch Number	20240309	Manufacture Date	20240309
Report Date	20240309	Expiry Date	20260308

Item of Analysis	Specification	Results
Identification	A:Color reaction with antimony III B:Thin-layer chromatographic identification test	Qualified
Appearance	Light yellow,free-flowing powder	Qualified
Content	min. 325.000 I.U. vitamin A Acetate per g	325.000IU/g
Loss on Drying	≤5.0%	3.5%
Absorbance ratio	≥0.85	0.98
Solubility	Dispersible in cool water forming a milky emulsion	Qualified
Sieve Analysis	100%Through Sieve No.40(US)	100%
	≥90%Through Sieve No.60(US)	96.0%
	≥45%Through Sieve No.100(US)	82.0%
Heavy Metal	≤10mg/kg	<10mg/kg
Arsenic	≤1.0mg/kg	<1.0mg/kg
Pb	≤2.0mg/kg	<2.0mg/kg
Residual Solvents		
Ethanol	<5000mg/kg	Qualified
Microbiological Spec.		
Total Plant Count	≤1000CFU/g	Qualified
Yeasts & Moulds	≤100CFU/g	Qualified
Coliforms	≤3.0MPN/g	Qualified

Storage: Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

Shelf Life: 24 months if store under the conditions above and stay in original packaging.

