



CERTIFICATE OF ANALYSIS

Product Name:	Vitamin A Acetate
Batch Number:	VA20241206
Manufacture Date:	2024/12/06
Expiry Date:	2027/12/05
Issue Date:	2024/12/07

Physical & Chemical Characteristics

Analysis Item	Specification	Result
Appearance	Pale yellow free-flowing powder	Conforms
Identification (BP)	Retention time conforms to reference standard	Conforms
Assay	$\geq 500,000$ IU/G	551,000 IU/G
Particle size	100% pass 40 mesh; 90% pass 80 mesh	Conforms
Water Dispersibility	Easily dispersed in cold water 15°C to form stable emulsion	Conforms
Loss on drying	$\leq 5.0\%$	4.3%

Heavy Metals

Analysis Item	Specification	Result
Heavy Metals	NMT 10 ppm	<10 ppm
Lead (Pb)	NMT 2 ppm	<2 ppm
Arsenic (As)	NMT 2 ppm	<2 ppm
Mercury (Hg)	NMT 0.1 ppm	<0.1 ppm
Cadmium (Cd)	NMT 1 ppm	<1 ppm

Microbiological Tests

Analysis Item	Specification	Result
Total Plate Count	NMT 1,000 CFU/g	<10 CFU/g
Total Yeast & Mold	NMT 100 CFU/g	<10 CFU/g

Enterobacterial	NMT 10 CFU/g	<10 CFU/g
E. coli	Negative/10g	Conforms
Salmonella	Negative/25g	Conforms
Staphylococcus aureus	Negative/10g	Conforms
Pseudomonas aeruginosa	Negative/10g	Conforms

General Status: Non-GMO, Allergen Free, Non-Irradiation

Packaging & Storage: Packed in paper-drums and two plastic-bags. Keep in cool & dry place. Stay away from strong light and heat.

Base Bulk