

BaseBulk

CERTIFICATE OF ANALYSIS

| | |
|-----------------------|----------------------|
| Product Name: | Vitamin A Powder |
| Batch Number: | 285-24090758 |
| Specification: | 500,000 IU/g (CWS) |
| Manufacture | Date: Sept. 07, 2024 |
| Expiry Date: | Sept. 06, 2027 |

Physical & Chemical Characteristics

| Analysis Item | Specification | Result |
|-----------------------------|---|-------------------|
| Description | Pale yellow free-flowing powder, no foreign matter and no odor | Complies (Visual) |
| Identification | The retention time of the principal peak conforms to the reference solution | Complies (HPLC) |
| Loss on Drying | ≤5.0% | 2.5% |
| Particle Size | 100% through 40 mesh 90% through 80 mesh | 100% 96.9% |
| Assay (Vitamin A Palmitate) | ≥500,000 IU/g | 539,000 IU/g |

Heavy Metals

| Analysis Item | Specification | Result |
|---------------|---------------|-----------|
| Lead (Pb) | ≤2 ppm | <0.05 ppm |
| Arsenic (As) | ≤2 ppm | <0.01 ppm |

Microbiological Tests

| Analysis Item | Specification | Result |
|-----------------------|---------------|------------|
| Total Plate Count | ≤1000 cfu/g | <100 cfu/g |
| Mould & Yeast | ≤100 cfu/g | <10 cfu/g |
| Enterobacterial Count | ≤0.3 MPN/g | <0.3 MPN/g |