



Gonmisol
by **SUANNUTRA**

Productos Químicos Gonmisol S.A.
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Certificate of analysis

Certificado de análisis

VITAMIN A ACETATE 0.5 MIU/G

Batch	Manufacturer	Manufactured	Expiration	Quantity
5111-2407001	35XKRZ	11/07/2024	10/07/2026	260 Kg

1. Appearance	Pale yellow to yellow flowing powder	Complies
2. Identification	A. Transient blue color appears at once in presence of Antimony Trichloride TS	Complies
	B. The blue green spot formed is indicative of retinol. The approximate Rf values of the predominant spots corresponding to the different from of retinol, 0.45 for the acetate.	Complies
3. Loss on drying	≤5.0%	3.00%
4. Vitamin A Acetate Content	≥500,000IU/g	530,000IU/g
5. Solubility	Easily dispersed in cold water 15°C to form a homogeneous and stable emulsion	Complies
6. Granularity: go through the sieve of 60 mesh	≥90.0%	99.0%
7. Heavy Metal	≤10ppm	Complies
8. Lead	≤2ppm	< 1ppm
9. Arsenic	≤1ppm	< 1ppm
10. Mercury	≤0.1ppm	< 0.1ppm
11. Cadmium	≤1ppm	< 1ppm
12. Microbial Limit Test		
(1) Total Plate Count	≤1000cfu/g	25 cfu/g
(2) Yeast & Mold	≤100cfu/g	< 10cfu/g
(3) Coliforms	≤0.3MPN/g	< 0.3MPN/g
(4) E. Coli	Negative/10g	Negative
(5) Salmonella	Negative/25g	Negative
(6) S. Aureus	Negative/25g	Negative

CONCLUSION: Conform to USP39.

Storage: Store in the original container, protected from light, in a dry, cool (8-15°C) place.