



Certificate of Analysis

Vitamin A - Retinyl Palmitat 1.7 MIU Soy Öl

PRODUCT AND BATCH INFORMATION

Latin name	Retinyl Palmitat	CAS	79-81-2
Origin	China	Testing Standard:	USP40/EP9.0
Batch No	20231226		
Manufacturing Date	26.12.2023		
Date of Expiry	25.12.2025		

ITEM	SPECIFICATION	RESULT	
Assay	≥1,700,000IU/g	1,750,000 IU/g	USP40/EP9.0
Description	Slight yellow or yellow fat-like solid	Complies	Visual
Identification	Meet the requirements Meet the	Complies Complies Complies	USP40/EP9.0 EP9.0
Absorbance Ratio	[A325]/ A325≥0.85	Complies	USP40
Related substance Ratio	Max 0.60	Complies Complies Complies	USP40/EP9.0 USP40/EP9.0
Retinol	Max 1.0%	0.0011	EP9.0
Peroxide Value	Max 10.0meq/kg	1.2meq/kg	EP9.0
Acid Value	Max 2.0 mgKOH/g	0.28mgKOH/g	EP9.0

Composition

Retinyl Palmitat	98%		
dl-alpha-tocopherol	2%		

*The color may vary

HEAVY METALS	SPECIFICATION	RESULT	METHOD
Heavy metals (as Pb)	Max 10ppm	<10ppm	CP
Arsenic	Max 1ppm	<1ppm	CP
Lead	Max 2ppm	<1ppm	CP

MICROBIOLOGY	SPECIFICATION	RESULT	METHOD
Total Bacteria Count	Max 1000cfu/g	<1000cfu/g	GB 4789.2
Mold &Yeast	Max 100cfu/g	<100cfu/g	GB 4789.15
Coliforms	Max 30MPN/100g	<30MPN/100g	GB 4789.3
E.Coli	Negative/25g	Negative/25g	GB 4789.38
Salmonella	Negative/10g	Negative/10g	GB 4789.4

STORAGE AND HANDLING

Storage	Store in a well-closed container away from moisture and direct sunlight
Shelf Life	2 years if sealed and properly stored
Document status template	19.10.23
Issue date	24.01.2024

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