

CERTIFICATE OF ANALYSIS

Product Name	Vitamin A (Retinyl Palmitate)
Product Code	AL00172
Grade	Comply with EP11.0/USP2022 standard
INCI Name	Retinyl palmitate, Tocopherol
CAS Number	79-81-2, 10191-41-0
Lot Number	0424100010
Manufacture Date	10/2024
Re-test Date	10/2026

Test Items	Specification	Results
Appearance	Light yellow solid or a yellow oily liquid	Qualified
Identification	Positive	Qualified
Assay	1.7 M IU/G Min.	1.80 M IU/G
Peroxide Value	Not more than 10 meq/kg	3.8 meq/kg
Retinol	Not more than 1.0% (Test once every month)	< 1.0%
Acid Value	2.0 Max.	1.0
BHT	0.1% Max.	0.020%
Absorbance ratios	A300/A326 ≤ 0.60 A350/A326 ≤ 0.54 A370/A326 ≤ 0.14	0.58 0.52 0.12
Heavy Metals	≤ 10 mg/kg (Test once every six months)	< 10 mg/kg
Arsenic Content	≤ 1 mg/kg (Test once every six months)	< 1 mg/kg
OVI	Meet the USP requirements	Qualified

STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place (below 15°C), protected from sunlight. When stored for a period longer than the one specified above, quality should be checked before use.

As it is electronically generated document, hence no signature required

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