TECHNICAL DATA SHEET

D-alpha Tocopheryl Acetate

1. Product Information

Item	Specification
Product Name	D-alpha Tocopheryl Acetate
Product Code	C1360
Specification	1360 IU
Test Standard	USP-NF 2026
Appearance	Clear, colorless to yellow, viscous oily liquid
Form	Viscous oily liquid

2. Product Description

D-alpha Tocopheryl Acetate 1360 IU is natural d-alpha tocopherol acetate in viscous oily liquid form. It is the stable esterified form of natural vitamin E, complying with USP-NF 2026 monograph requirements.

The product conforms to the requirements of USP-NF 2026.

3. Technical Specifications

Test Item	Specification
Appearance	Clear, colorless to yellow, viscous oily liquid
Identification – Color Reaction	Positive
Identification – Specific Rotation	≥ +24°
Identification – Retention Time	The retention time of the major peak in the test solution is the same as that of the standard preparation
Acidity	≤ 1.0 ml
Assay	96.0%~102.0%；≥1306 IU/g

Test Item	Specification
Benzo(a)Pyrene	≤ 2 ppb
Solvent residue-Hexane	≤ 290 ppm
Heavy Metals - Lead	≤ 1 mg/kg
Heavy Metals - Arsenic	≤ 1 mg/kg
Heavy Metals - Cadmium	≤ 1 mg/kg
Heavy Metals - Mercury	≤ 0.1 mg/kg
Aerobic Plate Count	≤ 1000 cfu/g
Yeast and Molds	≤ 100 cfu/g
Escherichia Coli	Negative/g
Salmonella	Negative/25g
Staphylococcus Aureus	Negative/25g

4. Typical Applications

D-alpha Tocopheryl Acetate 1360 IU can be used as a stable source of natural vitamin E in applications such as:

- Food and nutritional products
- Dietary supplements
- Nutraceutical formulations
- Food and feed formulations
- Antioxidant applications
- Cosmetic & personal care formulations
- Other applications requiring stable natural d-alpha tocopheryl acetate

5. Quality & Compliance

The product is manufactured and tested according to the applicable requirements of:

- USP-NF 2026

The product specification includes identification, assay, physical characteristics, acidity, heavy metals, solvent residue, Benzo(a)Pyrene and microbiological requirements.

6. Storage

Store in a cool, dry place, protected from direct sunlight and excessive heat. Keep the container tightly closed when not in use.

7. Shelf Life

24 months from the manufacturing date when stored under recommended conditions.

8. Packaging

Standard packaging can be provided according to customer requirements.