

SPECIFICATION

Product Name: Vitamin E Acetate Powder 50% IP Grade
Chemical Formula: $C_{31}H_{52}O_3$
CAS Number: 58-95-7
Molecular Weight: 472.74 g/mol
Appearance: Off white powder
Odor: Odorless

Chemical Composition

Parameter	Unit	Typical Value	Specification (Min./Max.)
Carrier	-	Complies	Precipitated silica, BHT, Vitamin E Acetate Liquid
Loss on drying	%	4.50%	NMT 5%
PH	-	6.50	6.20 to 7.50
Solubility	-	Complies	Soluble in Hot Water under 25°C/ Dispersible in Cold water
Particle size	%	100.00%	<300-400 micronized powder
Heavy metals	mg/kg	<10 mg/kg	≤10 mg/kg
Arsenic	mg/kg	<3 mg/kg	≤3 mg/kg
Assay	%	50.53%	≥50.00%

Physical Properties

- Solubility: Soluble in water. Soluble in ethanol. Insoluble in acetone. Insoluble in oils.

Shelf Life & Storage

- Shelf Life: 3 years from date of manufacture under recommended storage.
- Storage Conditions: Store in a cool, dry place away from direct sunlight and moisture. Keep the container tightly closed in the original packaging. Store in a well-ventilated area at 15–25°C and protect from excessive heat and humidity.

Applications

- Use: Widely used as a natural, zero-calorie sweetener in foods, beverages, and dietary supplements. It provides sweetness without significantly affecting blood sugar levels and is commonly used in sugar-free, low-calorie, and diabetic-friendly formulations.
- Dosage: Depends on the desired sweetness, product formulation, and intended application. It should be used according to formulation requirements and applicable food regulations. The appropriate usage level varies with the concentration of mogrosides and the type of food, beverage, or dietary supplement being manufactured.

Packaging

- Standard Packing: 25 Kgs pp bag with inner liner and 1 Kgs or as per customer requirement.
 - Labeling: Product name, batch number, net weight, manufacture date, expiry date, and manufacturer details.
- * Specifications are based on the manufacturer's provided specifications.