

Typical Product Specifications & Properties

D-a-Tocopheryl Succinate 1185 IU/g, USP (Granular, DC)

CAS Number: : 4345-03-3

Specifications	Limits
Description	White to off-white granular organoleptic
Arsenic	Up to 3 ppm
Yeast and Mold	Up to 100 CFU/g
Particle size: through 120 mesh	Up to 10%
Tapped Density	About 0.60 g/mL
Total Plate Count	Up to 1,000 CFU/g
Particle size: through 20 mesh	At least 99%
Bulk Density	Approx. 0.45 g/mL
Melting Point	73 - 78°C
Specific Rotation	At least +24.00°
Cadmium	Up to 1 ppm
Residual solvent: Hexane	Up to 290 ppm

Specifications	Limits
Loss on Drying	Up to 0.50% USP
Assay, % Dry Basis	96.00 - 102.00% (At least 1161.6 IU/g)
E. Coli	Negative
Staphylococcus aureus	Negative
Identification	Positive USP
Particle size: through 80 mesh	Up to 65%
Heavy Metals	Up to 10 ppm
Lead	Up to 2 ppm
Mercury	Up to 0.1 ppm
Residual solvent: Ethanol	Up to 5,000 ppm
Salmonella	Negative
Coliforms	Up to 10 CFU/g

Specifications	Limits
Acid Value	18.0 - 19.3 mL
Carrier Ethyl Cellulose	N/A