

## Product Specification

**Product Name:** Natural Vitamin E(Tocotrienols)-80% (palm oil source)

**Shelf Life:** Two years

Items	Standard
Appearance	Amber Oil
Identification (NIR)	Positive
Acidity	≤ 1ml
Assay (Total Tocopherols and tocotrienols)	≥ 80.0%
Total Tocotrienols (d-alpha,d-beta,d-gamma and d-delta tocotrienol) HPLC	≥56.0%
Total Tocopherols (d-alpha,d-beta,d-gamma and d-delta tocopherols) HPLC	≤24.0%
Loss on drying	≤ 0.5%
Peroxide Value	≤ 5mEq/kg
Pesticide Residues	Meet USP requirements
Residual Solvents-Methanol	Meet USP requirements
Residual Solvents-Ethanol	Meet USP requirements
Heavy Metals	≤10ppm
Arsenic	≤3ppm
Cadmium	≤1ppm
Lead	≤3ppm
Mercury	≤0.1ppm
Benzo[a]pyrene	<2ppb
Total Plate Count	≤1000cfu/g
Yeast&Mold	≤100cfu/g
E.Coli	Negative
Salmonella	Negative/10g
Staphylococcus aureus	Negative/10g