

PRODUCT: NATURAL VITAMIN E (TOCOPHEROL- HS CODE: 29362800)

TOCOPHEROL is clear brownish red viscous oil with mild odour and taste characteristic of vegetable oil. It contains natural mixed Tocopherols which are obtained from edible vegetable oils and is soluble in oils and fats, insoluble in water. Sparingly soluble in ethanol, miscible with organic solvents.

APPLICATION

TOCOPHEROL IP is used as a **natural antioxidant** in food and cosmetic industries.

INGREDIENTS

- Natural mixed Tocopherol
- Soya Oil.

ASSAY:

TOCOPHEROL 50 IP	Contains not less than 500 mg/g of total Tocopherol of which not less than 80% are non-alpha Tocopherol.	• D- α -Tocopherol (%) 6 – 16
TOCOPHEROL 70 IP	Contains not less than 700 mg/g of total Tocopherol of which not less than 80% are non-alpha Tocopherol.	• D- β - γ -Tocopherol (%) 38 – 48
TOCOPHEROL 90 IP	Contains not less than 900 mg/g of total Tocopherol of which not less than 80% are non-alpha Tocopherol.	• D- δ -Tocopherol (%) 13 – 22

Quality Control Data (Measured on each Lot)	TOCOPHEROL 50 IP	TOCOPHEROL 70 IP	TOCOPHEROL 90 IP
Total Tocopherols (%)	Min. 50	Min. 70	Min. 90
Non-alpha Tocopherols (%)	Min. 40	Min. 56	Min. 72
Acidity (ml 0.1N NaOH1g)	Max. 1.0	Max. 1.0	Max. 1.0

TOCOPHEROL 50IP, 70IP and 90 IP meets the Monograph requirements of the current National Formulary (NF, Tocopherol Excipient) and FCC (RRR-Tocopherols, concentrate, mixed, low alpha type) as of those of the European Community (E 306, Tocopherol rich extract).Produced according GMP, Codex Alimentarius. Non GMO Cert Id, Certified Kosher and Halal.

The U.S. FDA has recognized Tocopherols as safe (GRAS) as a nutrient and as preservative (21 CFR, Part 182.8890 &182.3890) and are GRAS exempt for the requirement for premarket approval (21 CFR, Part 150.36) for certain food categories.

TOCOPHEROL is TSE & BSE free does not contain any meat or animal derived products Gluten, Lactose, nor Alcohol and has not been irradiated. It does not contain allergens and does not require labeling declaration as being Potential allergen. The product is suitable for use to Organic Farming

Nutritional Information	TOCOPHEROL 50 IP	TOCOPHEROL 70 IP	TOCOPHEROL 90 IP
Energy From Fat (kcal)	288 kcal/100g	76 kcal/100g	878 kcal/100g
Total Carbohydrates (%)	0	0	0
Protein (%)	0	0	0
Total fat (%)	32	8.5	0
Dietary Fiber (%)	0	0	0.5
Humidity (%)	0.5	0.2	0
Ashes	0	0	0
Fatty Acids			
Saturated (%)	3.8	1	30.16
Monounsaturated (%)	6.7	1.8	24.52
Polyunsaturated (%)	21.4	5.6	38.43
Trans Fat (%) 0	0	0	0.16
Vitamin A	0	0	0
Vitamin C	0	0	0
Vitamin E (IU/100g)	14900	83400	26900
Other, Tocopherols (%)	Min. 50	Min. 70	Min. 90

For any inquiry/query pls feel free to call/write us.

Thanks & Regards

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BIO SPECHEM

Vadodara (Gujarat)

www.biospechem.com (under construction)