

Provitas® MT700IP

Product Description-

Provitas® MT700IP is a non-GMO natural mixed tocopherol oil derived from and standardized in non-GMO edible grade vegetable oil. The active ingredient, low alpha mixed tocopherols is derived from natural sources, i.e. edible vegetable oils, and is produced by suitable physical and chemical means. Provitas® MT700IP is intended for use as a natural antioxidant/preservative mixed tocopherols source in dietary supplements and foods. Provitas® MT700IP is designed for use in oil dispersions, encapsulated products and fortified foods.

Item Number: T124

CAS-Number:

α – 59-02-9
 β – 16698-35-4
 γ – 54-28-4
 δ – 119-13-1

Country of Origin-

Manufactured in the USA

Compendia Requirements-

Provitas® MT700IP meets all requirements of FCC monograph “Tocopherols Concentrate, Mixed”.

Generally Recognized as Safe-

Provitas® MT700IP is affirmed (GRAS) Generally Recognized As Safe by the US FDA as stated in the US FDA Code of Federal Regulations: 21CFR182.8890.

Harmonized Tariff Schedule Code- 2936.28.00

TEST	METHODS	SPECIFICATIONS
Organoleptic: Description: Color: Odor:	Observation	Clear viscous oil Amber Typical, faint
Assay: Total tocopherols d- α tocopherol, mg/g d- β + γ tocopherol, mg/g d- δ tocopherol, mg/g	J Chromatogr A. 2012 Jun 22; 1243:39-46	\geq 700 mg/g \leq 140 mg/g \geq 420 mg/g \geq 100 mg/g
Acid Value: Mg KOH/gm	AOCS CA 5A-40 AOAC 983.23	< 2.0ml/gm
Heavy Metals: Arsenic, mg/kg Cadmium, mg/kg Lead, mg/kg Mercury, mg/kg	AOAC 993.14 AOAC 993.14 AOAC 993.14 DMA	<1.5 <0.3 <1.0 <0.2
Microbial purity: APC, cfu/gm in 50gm Coliforms, cfu/gm Yeast & Mold, cfu/gm E. Coli, cfu/gm Staphylococcus aureus Salmonella, in 10gm	USP <2021> USP<2021> USP <2021> USP <2022> USP <2022> USP <2022>	\leq 1,000 \leq 100 \leq 100 Negative Negative Negative

Solubility- Provitas® MT700IP is soluble in Fats and oils.

Stability and Storage-

The shelf life in sealed, original containers under normal storage conditions is 24 months after the date of manufacture. Store in tightly closed containers in cool and dry conditions. Protect from heat, light and oxygen. Avoid freezing temperatures.

GMP-

Provitas LLC confirms that Provitas® MT700IP is manufactured in a production facility that adheres to Good Manufacturing Practices as defined by the U.S. FDA, CFR Title 117. Provitas and the production Facilities are FDA registered, and 3rd party certified.

Non-GMO and Organic compliant statement-

Provitas® MT700IP is manufactured by physical and chemical means and is therefore not an organic product. Provitas® MT700IP is organic compliant in accordance with *The Organic Foods Production Act of 1990* as stated in the United States Code of Federal Regulations 7CFR205.605(b) and *Canada Agricultural Products Act, Organic Products Regulations (SOR/2009-176), Part 3.24* and specifically stated in CAN/CGSB-32.311-2006 (6.4):

Provitas® MT700IP is free of genetically modified organisms defined as containing no ingredients, additives or processing aides derived from commodities that contain or are derived from genetically modified organisms.

Vegetarian Statement-

Provitas® MT700IP is produced using raw materials derived from plant sources or synthetic. This product is vegetarian and vegan since no animal source product is used in manufacturing.

Provitas® MT700IP

Nutritional Data (per 100 grams)-

Item	Result	Item	Result
Total Calories	198	Water	0 grams
Calories from Fat	198	Ash	0 grams
Calories from Saturated Fat	27	Vitamin A (IU) / (RE)	0 grams
Protein	0 grams	Vitamin E (α-tocopherol)	10.5 grams
Fat	22 grams	Vitamin D	0 grams
Saturated Fat	3 grams	Vitamin C	0 grams
Polyunsaturated Fatty Acids	13 grams	Calcium	0 grams
Monounsaturated Fatty Acids	6 grams	Iron	0 grams
Carbohydrate	0 grams	Sodium	0 grams
Dietary Fiber	0 grams	Potassium	0 grams
Sugar - Total	0 grams	Magnesium	0 grams
Added sugar	0 grams	Potassium	0 grams
		Other (β,γ,δ tocopherols)	67.5 grams
Accuracy Disclaimer- Provitas, LLC has taken great care to verify the correctness of these data and believes they are correct. However, since the data comes from various sources and are not verified analytically, we cannot warranty their accuracy. Provitas, LLC can only guarantee the minimum potency of the vitamins and other specifications found on the Product Data Sheet, which are available on request. For guaranteed accuracy of composition other than that guaranteed by Provitas, LLC, the customer is advised to submit for analytical testing by a reliable laboratory. These values have been determined by using a nutritional database of ingredients, which were analyzed singularly. They are believed to be accurate but are not guaranteed.			

BSE/TSE/Irradiation/EtO Statements-

We certify that Provitas® MT700IP is free of radiation. Irradiation is not used in the production, packaging and/or storage of Provitas® MT700IP.

We certify that Provitas® MT700IP is free of ethylene oxide. Ethylene oxide sterilization is not used in the production, packaging and/or storage of Provitas® MT700IP.

We certify that Provitas® MT700IP is free of BHA and BHT. BHA and BHT are not used in the production, packaging and/or storage of Provitas® MT700IP.

Residual Solvent Statement-

Provitas LLC certifies that Provitas® MT700IP fully complies with Chemical test <467> USP/NF: Residual Solvents Limits. Water is the only solvent used in the Provitas® MT700IP manufacturing process.

WADA-

Provitas LLC certifies that Provitas® MT700IP does not contain nor comes into contact with any substance listed on the World Anti-Doping Agency banned list or other sports related banned lists. These include narcotics, hormones, diuretics and steroids.

Nanomaterial Statement-

Based on our current understanding of nanomaterial regulation EU No 1169/2011, Provitas® MT700IP is not considered a nanomaterial. Therefore, it does not require labeling as such.

Sewage-

We certify that Provitas® MT700IP has been produced, packaged and stored without the use of sewage sludge.

Prop 65-

We certify that Provitas® MT700IP and all materials used to manufacture Provitas® MT700IP do not appear on the List Of Chemicals Known to Cause Cancer Or Reproductive Toxicity, under section 25249.8 of the CALIFORNIA SAFE WATER AND TOXIC ENFORCEMENT ACT OF 1986, Chapter 6.6 added by Proposition 65 in 1986.

Contaminants and Impurities Statement-

To our knowledge, there is no contamination by potentially harmful materials in Provitas® MT700IP. This includes but not limited to heavy metals, PAHs, dioxins, propylene, melamine, mycotoxins, and solvents.

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Packaging Details-

50g Sample T1241300	10kg carton T1241355	190kg carton T1241323
Aluminum bottle, 50ml 50 gram net weight 1.77" x 2.68" (45mm x 68mm)	Fiber carton w/plastic liner 25kg net weight 26kg gross weight 15"x11"x22" (38cm x 28cm x 56cm) Quantity per 40" x 48" pallet: 1 layer of 15 cartons (250kg) Maximum 3 layers / pallet (750kg)	Metal open-head drum 190kg net weight 211kg gross weight 24"x24"x34.5" (61cm x 61cm x 88cm) Quantity per 40" x 48" pallet: 1 layer of 4 drums (760kg) Maximum 1 layer / pallet (760kg)

Revision History				
Revision	Modified by	Previous Date	Date of Change	Description of Change
01	Emily Baird	07/05/2019	March 16, 2020	Added revision table and updated Part number, updated to PDS 2020 Format, product number and footer