

# Nutritional Products for Human Use



**Nutritional Products Division**

◆ **Astaxanthin**

◆ **Beta-Carotene**

——Natural (from *Blakeslea Trispora*)

——Synthetic

◆ **Canthaxanthin**

◆ **Lutein**

◆ **Lycopene**

◆ **Zeaxanthin**

◆ **Vitamin A**

◆ **Vitamin E**

——Natural

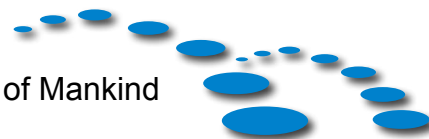
——Synthetic

◆ **Phytosterol**

◆ **Coenzyme Q10**

◆ **D-Biotin**





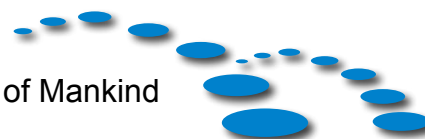
PRODUCT	COMPENDIA / CERTIFICATION	CONFIRMATION	PACKAGE SIZE	MAIN APPLICATION
<b>Astaxanthin</b>				
<b>Astaxanthin Beadlet 10% CWS-S</b> Beadlet, cold water dispersible Starch, for vegetarian		KOSHER	(5kg×4)/carton	Especially suitable for fortification and coloration of beverages, soups, sauces, cereals, confectionery. Also suitable for tablets and hard-shell capsules.
<b>Astaxanthin Oil Suspension 20% / 30%</b> Oil Suspension		KOSHER MUI Halal	(5kg×2)/carton (1kg×20)/carton	For fortification and coloration of oil-based foods such as margarine, edible oil, salad and snacks. Also used for soft capsules.

<b>Beta-Carotene (CarolBeta) – Natural (from <i>Blakeslea Trispora</i>)</b> <i>Vitamin A activity: 1,667 IU/mg Beta-Carotene</i>				
<b>Natural Beta-Carotene 96%</b> Crystalloid		KOSHER MUI Halal		Not for direct use in food.
<b>Natural Beta-Carotene Powder 1% CWS-K</b> Powder, cold water dispersible, for baking Gelatin-free 16,670 IU Vitamin A/g		KOSHER MUI Halal	(5kg×4)/carton	Especially suitable for fortification and coloration of baking foods, also suitable for water-based foods, instant products, puddings, confectionery and milk products. Color range: yellow.
<b>Natural Beta-Carotene Powder 1% CWS-M</b> Powder, cold water dispersible, Medium Chain Triglyceride, Gelatin-free 16,670 IU Vitamin A/g		KOSHER MUI Halal	(5kg×4)/carton	For fortification and coloration of water-based foods, instant products, puddings, confectionery and milk products.
<b>Natural Beta-Carotene Powder 1% CWS-O</b> Powder, cold water dispersible 16,670 IU Vitamin A/g		KOSHER MUI Halal	(5kg×4)/carton	For fortification and coloration of water-based foods, instant products, puddings, confectionery and milk products. Color range: orange.
<b>Natural Beta-Carotene Beadlet 10% CWS-OB</b> Beadlet, cold water dispersible 166,700 IU Vitamin A/g	E160a(ii); JECFA*; USP*;		(5kg×4)/carton	Especially suitable for fortification and coloration of beverages, also suitable for soups, sauces, cereals and confectionery. Color range: orange.
<b>Natural Beta-Carotene Beadlet 10% CWS-OS</b> Beadlet, cold water dispersible Starch, for vegetarian 166,700 IU Vitamin A/g		KOSHER MUI Halal	(5kg×4)/carton	Especially suitable for fortification and coloration of beverages, soups, sauces, cereals and confectionery. Also suitable for tablets and hard-shell capsules. Color range: orange.
<b>Natural Beta-Carotene Beadlet 10% / 20% TAB</b> Beadlet, tablet grade 166,700 / 333,400 IU Vitamin A/g			(5kg×4)/carton	For tablets and hard-shell capsules.
<b>Natural Beta-Carotene Beadlet 20% TAB-S</b> Beadlet, tablet grade, cold water dispersible Starch, for vegetarian 333,400 IU Vitamin A/g		KOSHER MUI Halal	(5kg×4)/carton	For tablets and hard-shell capsules, especially for effervescent tablets. Also suitable for fortification and coloration of beverages and other water-based foods.
<b>Natural Beta-Carotene Oil Suspension 22% / 30%</b> Oil suspension 366,740 / 500,100 IU Vitamin A/g		KOSHER MUI Halal	(5kg×2)/carton (1kg×20)/carton	For fortification and coloration of oil-based foods such as margarine, edible oil, salad and snacks. Also used for soft capsules.

CarolBeta is a trademark intended to be registered for ZMC Nutritional Products.

PRODUCT	COMPENDIA / CERTIFICATION	CONFIRMATION	PACKAGE SIZE	MAIN APPLICATION
<b>Beta-Carotene (CarolBeta) – Synthetic</b> <i>Vitamin A activity: 1,667 IU/mg Beta-Carotene</i>				
<b>Beta-Carotene 96%-101%</b> Crystalloid	E160a(ii); FCC*; USP*; Ph. Eur.*	KOSHER MUI Halal		Not for direct use in food.
<b>Beta-Carotene Emulsion 1% / 2% / 3% /5%</b> Emulsion 16,670 / 33,340 / 50,010 / 83,350 IU Vitamin A/g		KOSHER MUI Halal	(5kg×2)/carton (1kg×20)/carton	Especially suitable for fortification and coloration of beverages, also suitable for soups, sauces, cereals and confectionery.
<b>Beta-Carotene Powder 1% CWS-K</b> Powder, cold water dispersible, for baking Gelatin-free 16,670 IU Vitamin A/g		KOSHER MUI Halal	(5kg×4)/carton	Especially suitable for fortification and coloration of baking foods, also suitable for water-based foods, instant products, pudding, confectionery and milk products. Color range: yellow.
<b>Beta-Carotene Powder 1% CWS-M</b> Powder, cold water dispersible, Medium Chain Triglyceride, Gelatin-free 16,670 IU Vitamin A/g		KOSHER MUI Halal	(5kg×4)/carton	Especially suitable for fortification and coloration of baking foods, also suitable for water-based foods, instant products, pudding, confectionery and milk products. Color range: yellow to orange.
<b>Beta-Carotene Powder 1% CWS-O</b> Powder, cold water dispersible 16,670 IU Vitamin A/g		KOSHER MUI Halal	(5kg×4)/carton	For fortification and coloration of waterbased foods, instant products, puddings, confectionery and milk products. Color range: orange.
<b>Beta-Carotene Beadlet 10% CWS-OB</b> Beadlet, cold water dispersible 166,700 IU Vitamin A/g			(5kg×4)/carton	Especially suitable for fortification and coloration of beverages, also suitable for soups, sauces, cereals and confectionery. Color range: orange.
<b>Beta-Carotene Beadlet 10% CWS-OS</b> Beadlet, cold water dispersible Starch, for vegetarian 166,700 IU Vitamin A/g		KOSHER MUI Halal	(5kg×4)/carton	Especially suitable for fortification and coloration of beverages, soups, sauces, cereals and confectionery. Also suitable for tablets and hard-shell capsules. Color range: orange.
<b>Beta-Carotene Beadlet 10% / 20% TAB</b> Beadlet, tablet grade 166,700 / 333,400 IU Vitamin A/g			(5kg×4)/carton	For tablets and hard-shell capsules.
<b>Beta-Carotene Beadlet 20% TAB-S</b> Beadlet, tablet grade, cold water dispersible Starch, for vegetarian 333,400 IU Vitamin A/g		KOSHER MUI Halal	(5kg×4)/carton	For tablets and hard-shell capsules, especially for effervescent tablets. Also suitable for fortification and coloration of beverages and other water-based foods.
<b>Beta-Carotene Oil Suspension 22% / 30%</b> Oil suspension 366,740 / 500,100 IU Vitamin A/g		KOSHER MUI Halal	(5kg×2)/carton (1kg×20)/carton	For fortification and coloration of oil-based foods such as margarine, edible oil, salad and snacks. Also used for soft capsules.

CarolBeta is a trademark intended to be registered for ZMC Nutritional Products.



PRODUCT	COMPENDIA / CERTIFICATION	CONFIRMATION	PACKAGE SIZE	MAIN APPLICATION
<b>Canthaxanthin</b>				
<b>Canthaxanthin 96%</b> Crystalloid	E161g; FCC*; JECFA*	KOSHER MUI Halal		Not for direct use in food.
<b>Canthaxanthin Beadlet 10% CWS</b> Beadlet, cold water dispersible			(5kg×4)/carton	Especially suitable for fortification and coloration of beverages, also suitable for soups, sauces, cereals and confectionery. Color range: red.
<b>Canthaxanthin Beadlet 10% CWS-S</b> Beadlet, cold water dispersible Starch, for vegetarian		KOSHER MUI Halal	(5kg×4)/carton	Especially suitable for fortification and coloration of beverages, soups, sauces, cereals and confectionery. Also suitable for tablets and hard-shell capsules.
<b>Canthaxanthin Beadlet 10% TAB</b> Beadlet, tablet grade			(5kg×4)/carton	For tablets and hard-shell capsules.

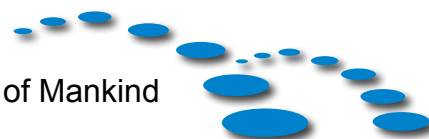
<b>Lutein (CarolGold) – Natural</b> <i>Extracted from Marigold</i>				
<b>CarolGold (Lutein) 80%, 90%</b> Crystalloid	E161b; FCC*; JECFA*; USP*; Low PAH	KOSHER MUI Halal	(5kg×4)/carton	Not for direct use in food.
<b>CarolGold (Lutein) Emulsion 0.02%-2.0%</b> Emulsion		MUI Halal	(5kg×2)/carton (1kg×20)/carton	Especially suitable for fortification and coloration of beverages, also suitable for soups, sauces, cereals, confectionery, milk products and infant foods. Color range: yellow
<b>CarolGold (Lutein) Powder 1% CWS</b> Powder, cold water dispersible			(1kg×10)/carton	For fortification and coloration of waterbased foods, instant products, puddings, confectionery and milk products.
<b>CarolGold (Lutein) Beadlet 5% CWS-B</b> Beadlet, cold water dispersible			(5kg×4)/carton	Especially suitable for fortification and coloration of beverages, also suitable for soups, sauces, cereals, confectionery, milk products and infant foods. Color range: yellow
<b>CarolGold (Lutein) Beadlet 5% / 10% TAB</b> Beadlet, tablet grade			(5kg×4)/carton	For tablets and hard-shell capsules.
<b>CarolGold (Lutein) Beadlet 5% / 10% TAB-S</b> Beadlet, tablet grade, cold water dispersible Starch, for vegetarian		KOSHER MUI Halal	(5kg×4)/carton	For tablets and hard-shell capsules, especially for effervescent tablets. Also suitable for beverages and other water-based foods.
<b>CarolGold (Lutein) Oil Suspension 10% / 20%</b> Oil suspension			(5kg×2)/carton (1kg×20)/carton	For fortification and coloration of oil-based foods such as margarine, edible oil, salad and snacks. Also for soft capsules.
<b>CarolGold (Lutein) Oil Suspension 10% / 20% SAF</b> Oil suspension		KOSHER MUI Halal	(5kg×2)/carton (1kg×20)/carton	For fortification and coloration of oil-based foods such as margarine, edible oil, salad and snacks. Also for soft capsules.

CarolGold is a trademark intended to be registered for ZMC Nutritional Products.

PRODUCT	COMPENDIA / CERTIFICATION	CONFIRMATION	PACKAGE SIZE	MAIN APPLICATION
<b>Lycopene – Natural</b> ( <i>from Blakeslea Trispora</i> )				
<b>Natural Lycopene Beadlet 5% / 10% / 20% TAB</b> Beadlet, tablet grade	E160d; JECFA*; USP*		(5kg×4)/carton	For tablets and hard-shell capsules.
<b>Natural Lycopene Beadlet 10% CWS-B</b> Beadlet, cold water dispersible			(5kg×4)/carton	Especially suitable for fortification and coloration of beverages, also suitable for soups, sauces, cereals, confectionery, milk products and infant foods. Color range: red.
<b>Natural Lycopene Beadlet 5%/10% CWS-S</b> Beadlet, cold water dispersible Starch, for vegetarian		KOSHER MUI Halal	(5kg×4)/carton	Especially suitable for fortification and coloration of beverages, also suitable for soups, sauces, cereals, confectionery, milk products and infant foods, and for tablets and hard-shell capsules. Color range: red.
<b>Natural Lycopene Oil Suspension 10% / 20%</b> Oil suspension		KOSHER MUI Halal	(5kg×2)/carton (1kg×20)/carton	For fortification and coloration of oil-based foods such as margarine, edible oil, salad and snacks. Also used for soft capsules.

<b>Zeaxanthin (CarolZea)</b> <i>Extracted from Marigold</i>				
<b>CarolZea (Zeaxanthin) 80%</b> Crystalloid	Low PAH	KOSHER MUI Halal		Not for direct use in food.
<b>CarolZea (Zeaxanthin) Beadlet 5% CWS-B</b> Beadlet, cold water dispersible			(5kg×4)/carton	Especially suitable for fortification and coloration of beverages, also suitable for soups, sauces, cereals, confectionery, milk products and infant foods.
<b>CarolZea (Zeaxanthin) Beadlet 5% / 10% CWS-S</b> Beadlet, cold water dispersible Starch, for vegetarian		KOSHER MUI Halal	(5kg×4)/carton	Especially suitable for fortification and coloration of beverages, also suitable for soups, sauces, cereals, confectionery, milk products and infant foods, and for tablets and hard-shell capsules.
<b>CarolZea (Zeaxanthin) Beadlet 5% / 10% TAB</b> Beadlet, tablet grade			(5kg×4)/carton	For tablets and hard-shell capsules.
<b>CarolZea (Zeaxanthin) Oil Suspension 10% / 20%</b> Oil suspension		KOSHER MUI Halal	(5kg×2)/carton (1kg×20)/carton	For fortification and coloration of oil-based foods such as margarine, edible oil, salad and snacks. Also used for soft capsules.

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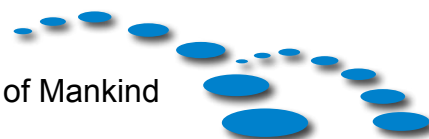
PRODUCT	COMPENDIA / CERTIFICATION	CONFIRMATION	PACKAGE SIZE	MAIN APPLICATION
<b>Vitamin A</b> <i>Vitamin A Acetate + Vitamin A Palmitate</i>				
<b>Vitamin A Acetate 1.0M / 2.8M</b> Liquid / Crystalloid 1,000,000 / 2,800,000 IU Vitamin A/g	E 160a(ii); FCC*; USP*; Ph. Eur.*	KOSHER MUI Halal	5kg/tin 20kg/drum	For fortification of oils and fats, and for liquid pharmaceutical preparations such as soft capsules.
<b>Vitamin A Palmitate 1.0M</b> Liquid, without stabilizers 1,000,000 IU Vitamin A/g		KOSHER MUI Halal	(5kg×2)/carton (1kg×20)/carton	For fortification of oils and fats, and for liquid pharmaceutical preparations such as soft capsules.
<b>Vitamin A Palmitate 1.0M (BHT)</b> Liquid, BHT as the stabilizer 1,000,000 IU Vitamin A/g		KOSHER MUI Halal	(5kg×2)/carton (1kg×20)/carton	For fortification of oils and fats, and for liquid pharmaceutical preparations such as soft capsules.
<b>Vitamin A Palmitate 1.0M (Toc.)</b> Liquid, dl-α-tocopherol as the stabilizer 1,000,000 IU Vitamin A/g		KOSHER MUI Halal	(5kg×2)/carton (1kg×20)/carton	For fortification of oils and fats, and for liquid pharmaceutical preparations such as soft capsules.
<b>Vitamin A Palmitate 1.7M</b> Liquid, without stabilizers 1,700,000 IU Vitamin A/g		KOSHER MUI Halal	(5kg×2)/carton (1kg×20)/carton	For fortification of oils and fats, and for liquid pharmaceutical preparations such as soft capsules.
<b>Vitamin A Palmitate 1.7M (BHT)</b> Liquid, BHT as the stabilizer 1,700,000 IU Vitamin A/g		KOSHER MUI Halal	(5kg×2)/carton (1kg×20)/carton	For fortification of oils and fats, and for liquid pharmaceutical preparations such as soft capsules.
<b>Vitamin A Palmitate 1.7M (Toc.)</b> Liquid, dl-α-tocopherol as the stabilizer 1,700,000 IU Vitamin A/g		KOSHER MUI Halal	(5kg×2)/carton (1kg×20)/carton	For fortification of oils and fats, and for liquid pharmaceutical preparations such as soft capsules.
<b>Vitamin A Acetate Powder 500 CWS/GFP</b> Powder, cold water dispersible Gelatin-free 500,000 IU Vitamin A/g		KOSHER MUI Halal	(5kg×4)/carton	For fortification of dry food products such as flour, dry milk, beverage powders and water-based foods.
<b>Vitamin A Palmitate Powder 250 / 500 CWS/GFP</b> Powder, cold water dispersible Gelatin-free 250,000 / 500,000 IU Vitamin A/g		KOSHER MUI Halal	(5kg×4)/carton	For fortification of dry food products such as flour, dry milk, beverage powders and water-based foods.
<b>Vitamin A Acetate Beadlet 325 CWS/GFB</b> Beadlet, cold water dispersible Gelatin-free 325,000 IU Vitamin A/g		KOSHER MUI Halal	(5kg×4)/carton	For fortification of dry food products such as flour, dry milk, beverage powders and water-based foods, also used for tablets and capsules.
<b>Vitamin A Acetate Beadlet 500 TAB</b> Beadlet, tablet grade 500,000 IU Vitamin A/g			(5kg×4)/carton	For tablets and hard-shell capsules.
<b>Vitamin A Palmitate Beadlet 500 TAB</b> Beadlet, tablet grade 500,000 IU Vitamin A/g			(5kg×4)/carton	For tablets and hard-shell capsules.
<b>Vitamin A Palmitate Beadlet 250 / 500 CWS/GFB</b> Beadlet, cold water dispersible Gelatin-free 250,000 / 500,000 IU Vitamin A/g		KOSHER MUI Halal	(5kg×4)/carton	For fortification of dry food products such as flour, dry milk, beverage powders and water-based foods, also used for tablets and capsules.

PRODUCT	COMPENDIA / CERTIFICATION	CONFIRMATION	PACKAGE SIZE	MAIN APPLICATION
<b>Vitamin E (CarolE) – Natural</b>				
<i>d-α-tocopherol + mixed tocopherols + d-α-tocopheryl acetate + d-α-tocopheryl succinate + TPGS-N</i>				
<b>1000 / 1300 / 1409IU D-α-Tocopherol</b> Liquid 1,000 / 1,300 / 1,409 IU Vitamin E/g	FCC*; USP*; Ph. Eur.*; IP; Non-GMO; Low PAH	KOSHER MUI Halal	(20/50/190kg)/drum	For fortification and antioxidation of oils and fats, and for liquid pharmaceutical preparations such as soft capsules.
<b>50% / 70% / 90% Tocopherols Concentrate, Mixed</b> Liquid, suspension with small crystalloids is permitted		KOSHER MUI Halal	(20/50/190kg)/drum	For fortification and antioxidation of oils and fats, fry and unsaturated fatty acid.
<b>D-Alpha-Tocopheryl Acetate</b> Liquid		KOSHER MUI Halal	(50kg×1)/drum	For fortification of oils and fats, and for liquid pharmaceutical preparations such as soft capsules.
<b>D-Alpha-Tocopheryl Acetate Powder 700 CWS</b> Powder, cold water dispersible 700 IU Vitamin E/g		KOSHER MUI Halal	(5kg×4)/carton	For fortification of dry food products such as flour, dry milk and beverage powders and water-based foods.
<b>D-Alpha-Tocopheryl Acetate Powder 700 CWS-A</b> Powder, cold water dispersible 700 IU Vitamin E/g		KOSHER MUI Halal	(5kg×4)/carton	For fortification of dry food products such as flour, dry milk and beverage powders and water-based foods.
<b>D-Alpha-Tocopheryl Acetate Powder 700 SF</b> Powder, silicon dioxide as carrier 700 IU Vitamin E/g		KOSHER MUI Halal	(25kg×1)/carton	For low-content tablets and hard-shell capsules.
<b>D-Alpha-Tocopheryl Acetate Powder 700 TAB</b> Powder, tablet grade 700 IU Vitamin E/g			(5kg×4)/carton (50kg×1)/drum	For tablets and hard-shell capsules.
<b>D-Alpha-Tocopheryl Acetate Beadlet 700 / 950 TAB-B</b> Beadlet, tablet grade 700 / 950 IU Vitamin E/g			(5kg×4)/carton (50kg×1)/drum	For tablets and hard-shell capsules.
<b>Mixed Tocopherols Powder 20% / 30%</b> Powder		KOSHER MUI Halal	(5kg×4)/carton	As a nutrient supplement and antioxidant in foods.
<b>D-Alpha-Tocopheryl Succinate 1185Se / 1210</b> 1,185 / 1,210 IU Vitamin E/g		KOSHER MUI Halal	(25kg×1)/drum	For tablets and hard-shell capsules.
<b>Water Soluble Natural Vitamin E (TPGS-N)</b> d-α-tocopheryl polyethylene glycol succinate	KOSHER MUI Halal	(5kg×2)/carton (25kg×1)/drum	Especially suitable for foodstuffs with transparent appearance, as well as soft capsules, excipients and emulsifying agents.	

**Phytosterol (CarolSter) – Natural**

<b>Phytosterol</b> Powder	Ph. Eur.*; IP; Non-GMO; Low PAH	KOSHER MUI Halal	25kg/drum	For tablets and hard-shell capsules, as well as cosmetics.
<b>Phytosterol Ester</b> Paste		KOSHER MUI Halal	(25/50kg)/drum	As a nutrient used in oils and fats, soft capsules and cosmetics.
<b>Phytosterol Ester Powder 30%</b> Powder, cold water dispersible			(5kg×4)/carton	As a nutrient for use in fast food, baking food, beverage, jelly, confectionery and dairy products.

CarolSter is a trademark intended to be registered for ZMC Nutritional Products.



PRODUCT	COMPENDIA / CERTIFICATION	CONFIRMATION	PACKAGE SIZE	MAIN APPLICATION
<b>Vitamin E – Synthetic</b> <i>dl-<math>\alpha</math>-tocopherol + dl-<math>\alpha</math>-tocopheryl acetate + TCS</i>				
<b>DL-Alpha-Tocopherol 96%</b> Liquid	FCC*; USP*; Ph. Eur.*	KOSHER MUI Halal	(20/50/190kg)/drum	For fortification and antioxidation of oils and fats, fry and unsaturated fatty acid.
<b>DL-Alpha-Tocopheryl Acetate 96% / 98%</b> Liquid		KOSHER MUI Halal	(20/50/190kg)/drum	For fortification of oils and fats, and for liquid pharmaceutical preparations such as soft capsules.
<b>DL-Alpha-Tocopheryl Acetate Powder 15% CC</b> Powder, cold water dispersible, transparent 150 IU Vitamin E/g			(5kg×4)/carton	For fortification of food and beverage requiring optical clarity.
<b>DL-Alpha-Tocopheryl Acetate Powder 50% CWS</b> Powder, cold water dispersible 500 IU Vitamin E/g		KOSHER MUI Halal	(5kg×4)/carton	For fortification of dry food products such as flour, dry milk, beverage powders and waterbased foods.
<b>DL-Alpha-Tocopheryl Acetate Powder 50% CWS-D</b> Powder, cold water dispersible 500 IU Vitamin E/g		KOSHER MUI Halal	(5kg×4)/carton	Especially suitable for drinks, also suitable for fortification of dry food products such as flour, dry milk, beverage powders and water-based foods.
<b>DL-Alpha-Tocopheryl Acetate Powder 50% TAB</b> Powder, tablet grade 500 IU Vitamin E/g			(50kg×1)/drum	For tablets and hard-shell capsules.
<b>DL-Alpha-Tocopheryl Acetate Powder 50% SF</b> Powder, silicon dioxide as carrier 500 IU Vitamin E/g		KOSHER MUI Halal	(25kg×1)/carton	For low-content tablets and hard-shell capsules.
<b>DL-Alpha-Tocopheryl Acetate Beadlet 50% / 75% TAB-B</b> Beadlet, tablet grade 500 / 750 IU Vitamin E/g			(5kg×4)/carton (50kg×1)/drum	For tablets and hard-shell capsules.
<b>DL-Alpha-Tocopheryl Calcium Succinate 96%</b> Crystalline powder		KOSHER MUI Halal	(25kg×1)/carton	For tablets and hard-shell capsules.

<b>Coenzyme Q10</b>				
<b>Coenzyme Q10 98%</b> Powder	JP*; USP*; Ph. Eur.*	KOSHER MUI Halal	5kg/tin 10kg/carton 25kg/drum	For soft capsules.
<b>Coenzyme Q10 Powder 10% / 20% / 40% CWS</b> Powder, cold water dispersible		KOSHER MUI Halal	(5kg×4)/carton	For fortification of water-based foods, instant products, puddings, confectionery and milk products, as well as effervescent tablets.
<b>Coenzyme Q10 Powder 50% TAB</b> Powder, tablet grade			(5kg×4)/carton	For tablets and hard-shell capsules.

PRODUCT	COMPENDIA / CERTIFICATION	CONFIRMATION	PACKAGE SIZE	MAIN APPLICATION
<b>Biotin – Synthetic</b> <i>Dextrorotatory Biotin, synthetic</i>				
<b>Biotin</b> Crystalloid	FCC*; USP*; Ph. Eur.*	KOSHER MUI Halal	1kg/5kg/tin 2kg/10kg/carton 20kg/drum	For dietary supplements and fortified foods, also used for tablets and hard-shell capsules.
<b>Biotin 1%</b> Powder		KOSHER MUI Halal	(25kg×1)/carton	As a nutrient for fortified foods etc.

**Additional Information**

In general, vitamins, carotenoids and other nutraceuticals are relatively sensitive products and the storage stability is influenced by many factors. For this reason, indications of the relevant storage conditions are given on the labels of most of the products.

**Note**

\* for the active ingredients  
BHT: Butylated Hydroxy Toluene

**Compendia/Certification**

FCC	Food Chemicals Codex
USP	United States Pharmacopoeia
IP	Identity Preservation
JECFA	Joint FAO/WHO Experts Committee on Food Additives
JP	Japan Pharmacopoeia
Non-GMO	Non-Genetically Modified Organism
Ph. Eur.	Pharmacopoeia of Europe
Low PAH	Low content of Polycyclic Aromatic Hydrocarbons

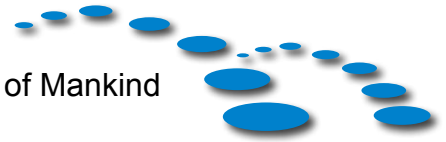
Our material complies with the monographs of the above-mentioned compendia. It is the responsibility of the manufacturing company to ensure that the final product is manufactured according to current local regulations and standards.

**USP DIVP verified products**

Be in compliance with USP Dietary Ingredient Verification Program(DIVP)

- Beta-Carotene
- DL-alpha-Tocopheryl Acetate
- D-alpha-Tocopheryl Acetate
- D-alpha-Tocopheryl Succinate
- Coenzyme Q10
- Biotin





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