

**SPECIFICATION***Product Information*

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Material Name : MULTIVITAMIN BLEND 1(FORTIVIT-PHR-242)
Product category : MICRONUTRIENT PREMIX
Application : Multivitamin Blend for Tablet

Shelf Life

12 months from the date of manufacture under proper storage conditions.

Dosage (Rate of Addition)

1180 mg of premix per tablet

Physical parameters

Parameters	SPECIFICATIONS
Appearance	Characteristic colored powder
Odor	Characteristic odor
Identification	Should pass tests for Vitamin A, Vitamin C, Vitamin D3, Vitamin E, Vitamin K, Thiamine, Riboflavin, Niacin, Vitamin B6, Folic Acid, Vitamin B12, Biotin, Pantothenic Acid, Calcium, Iron, Phosphorus, Iodine, Magnesium, Zinc, Selenium, Copper, Manganese, Chromium, Molybdenum, Chloride, Potassium & Lycopene.

Nutrient composition and level

Nutrient	Ingredients	Unit	Label Claim per 1180 mg of premix	
			Target	Maximum
Vitamin A	Beta Carotene 10% powder	mcg	1050.000	1155.000
Vitamin C	Vitamin C Plain	mg	90.000	99.000
Vitamin D3	Vitamin D3 100 CWS	mcg	25.000	27.500
Vitamin E	Vitamin E Acetate 50% Dry	mg	20.300	22.330
Vitamin K	Vitamin K1 5%	mg	0.060	0.066
Thiamine	Thiamine mono nitrate	mg	1.200	1.320
Riboflavin	Riboflavin fine powder	mg	1.300	1.430
Niacin	Niacinamide	mg	16.000	17.600
Vitamin B6	pyridoxine hydrochloride	mg	2.000	2.200
Folic acid	Folic acid	mcg	200.000	220.000
Vitamin B12	Vitamin B 12 0.1% Starch	mcg	6.000	6.900
Biotin	D-Biotin	mcg	40.000	44.000
Pantothenic Acid	Calcium D-Pantothenate	mg	15.000	16.500
Calcium	Calcium Carbonate & Di Calcium Phosphate	mg	210.000	224.700
Iron	Ferrous Fumarate	mg	8.000	8.560
Phosphorous	from di calcium phosphate	mg	20.000	21.000
Iodine	Potassium Iodide	mg	0.150	0.161

Prepared by
25/05/2023
Executive - R&D

Reviewed by
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Approved by
25/05/2023
Asst-Manager - R&D

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Magnesium	Magnesium Oxide	mg	100.000	107.000
Zinc	Zinc Oxide	mg	11.000	11.770
Selenium	Sodium Selenate	mg	0.100	0.107
Copper	Copper sulphate anhydrous	mg	0.900	0.963
Manganese	Manganese sulphate mono	mg	2.300	2.461
Chromium	Chromium picolinate	mg	0.035	0.037
Molybdenum	Sodium Molybdate	mg	0.050	0.054
Chloride	Potassium Chloride	mg	72.000	77.040
Potassium	from potassium chloride	mg	80.000	84.000
Lycopene	Lycopene 10% powder	mg	0.600	0.636
Starch (as carrier)			Q.S	

Heavy Metals

Lead	Not more than 3 ppm
Cadmium	Not more than 1 ppm
Arsenic	Not more than 1 ppm
Mercury	Not more than 1 ppm

Microbial Parameters

Microbial Analysis Requirements	
Criteria	Limits
Total Plate Count	Not more than 1000 CFU/g
Yeast and Moulds	Not more than 100 CFU /g

Storage

Storage conditions: Store in cool, dry and hygienic place. Protect from direct sunlight

Packaging Information

Primary packaging - 25 kg Tri-laminated Aluminium pouch

Secondary Packaging -5 ply corrugated Shipper

Certification

Hexagon Nutrition is FSSC 22000, ISO 9001:2015 Certified.

Country of Manufacture: India

Prepared by

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