



HEXAGON NUTRITION

Nutritionally Yours.....

Plot No. B 11, Phase I, MEPZ-SEZ, Tambaram, Chennai –600045, INDIA.

SPECIFICATION

Product Information

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Material Name : FORTIVIT-FBF-V13 (Vitamin & Mineral Premix for Supercereal)
 Product category : MICRONUTRIENT PREMIX
 Application : Fortified Blended Foods

Shelf Life

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

Dosage (Rate of Addition)

2 kg of premix per 1000 kg of product

Physical parameters

Parameters	SPECIFICATIONS
Appearance	Yellow-brown free flowing powder.
Odor	Characteristic odor.
Identification	Should pass tests for Vitamin A, Vitamin D3, Vitamin E, Vitamin K1, Vitamin B1, Riboflavin, Vitamin B6, Vitamin C, Pantothenic acid, Folate, Vitamin B3, Vitamin B12, Biotin, Iodine, Iron and Zinc.
Particle size	Minimum 60% should pass through 250 microns sieve.

Nutrient Composition and level

Nutrient	Ingredients	Unit	Levels per 1 g of premix		
			Target	Minimum	Maximum
Vitamin A	Vitamin A Palmitate 250 CWS	mg	5.19	4.67	5.97
Vitamin D	Vitamin D3 100 CWS	mg	0.055	0.050	0.063
Vitamin E	Vitamin E 50% dry	mg	41.50	37.40	45.70
Vitamin K	Vitamin K1 5%	mg	0.150	0.128	0.173
Vitamin B1	Thiamin Mononitrate	mg	1.00	0.90	1.10
Riboflavin	Riboflavin fine powder	mg	7.00	6.30	7.70
Vitamin B6	Pyridoxine Hydrochloride	mg	5.00	4.50	5.50
Vitamin C	Ascorbic acid	mg	450.00	405.00	495.00
Pantothenic Acid	Calcium D Pantothenate	mg	8.00	7.20	8.80
Folate	Folic Acid-10% maltodextrin	mg	0.55	0.50	0.60
Vitamin B3	Niacinamide	mg	40.00	36.00	44.00
Vitamin B12	Vitamin B12 1% Triturate on Starch	mg	0.010	0.009	0.012
Biotin	Biotin 1 % maltodextrin	mg	0.041	0.037	0.045
Iodine	Potassium iodide 10% on starch	mg	0.20	0.18	0.23
Iron	Ferrous fumarate and Sodium Iron EDTA	mg	32.50	29.25	35.75
Zinc	Zinc sulphate monohydrate	mg	25.00	22.50	27.50

Prepared by

Executive - R&D

Reviewed by

Executive - R&D

Approved by

Manager - R&D



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Microbial Analysis Requirements

Criteria	Limits
Total aerobic mesophilic count	Less than 1000 CFU/g
Yeast	Less than 10 CFU/g
Mold	Less than 100 CFU/g
Salmonella spp.	Negative in 25 g
Enterobacteriaceae	Less than 10/g

Allergens

ALLERGEN	STATUS	ALLERGEN	STATUS	ALLERGEN	STATUS
Nuts	X	Sesame seeds and products	X	Egg/Egg products	X
Crustaceans and products	X	Mustard and products	X	Peanuts and products	X
Lupin and products	X	Molluscs and products	X	Celery and products	X
Sulphur dioxide and sulphites	X	Soybeans and products	X	Fish and products	X
Milk and products (incl. Lactose)	X	Cereals containing gluten and products	X	"V" = part of the recipe "X" = not a part of the recipe	

GMO Declaration

We hereby confirm that this material does not consist of genetically modified organism (GMO) and is neither derived from genetically modified raw ingredients nor manufactured with genetically modified materials.

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 (Exports) Pvt Ltd is FSSC 22000-2013, ISO 9001:2015 Certified.

Country of Manufacture: India

Prepared by

Executive - R&D

Reviewed by

Executive - R&D

Approved by

Manager - R&D

