

SPECIFICATION
Product Information

Page 1 of 2

Material Name : FORTIVIT-HD-064
Product category : MICRONUTRIENT PREMIX
Application : HIGH ENERGY BISCUITS

Shelf Life

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

Dosage (Rate of Addition)

700 g premix per 100 kg product/ 7 kg premix per 1 MT product

Physical parameters

Parameters	SPECIFICATIONS
Appearance	Cream color powder
Odor	Characteristic odor
Identification	Should pass tests for Vitamin A, Vitamin B1, Vitamin B2, Vitamin B3, Pantothenic acid, Vitamin B6, Vitamin B9, Vitamin B12, Vitamin B7, Vitamin D, Vitamin E, Calcium, Iron, Zinc, Iodine and Phosphorous.

Nutrient Composition and appropriate levels per 700 g of premix or 100 kg product as per dosage

Nutrient	Ingredients	Unit	Nutrient claim per 700 g of premix		
			Target	Minimum	Maximum
Vitamin A	Vitamin A Palmitate 250 CWS	g	0.82	0.74	0.91
Thiamine	Thiamine mononitrate	g	1	0.90	1.10
Riboflavin	Riboflavin Fine Powder	g	1.2	1.08	1.32
Niacin	Niacinamide	g	5.9	5.31	6.49
Pantothenic acid	Calcium D Pantothenate	g	4.9	4.41	5.39
Pyridoxine	Pyridoxine Hydrochloride	g	1.1	0.99	1.21
Folic acid	Folic acid	g	0.2436	0.22	0.27
Vitamin B12	Vitamin B12 0.1 % starch	g	0.0022	0.0020	0.0024
Biotin	Biotin 1 % maltodextrin	g	0.0207	0.0186	0.0228
Vitamin D	Vitamin D3 100 CWS	g	0.01	0.009	0.011
Vitamin E as TE	Vitamin E Acetate 50 % dry	g	7.4	6.66	8.14
Calcium	Tri-calcium phosphate & Calcium carbonate	g	174.1	156.69	191.51
Iron	Na Fe EDTA	g	3	2.70	3.30
Iron	Ferric pyrophosphate	g	5.6	5.04	6.16
Zinc	Zinc sulphate monohydrate	g	5.7	5.13	6.27
Iodine	Potassium Iodate	g	0.1477	0.13	0.16
Phosphorous	Tri-Calcium phosphate	g	46.9	42.21	51.59

Prepared by
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Executive - R&D 17/08/2023

Reviewed by
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Sr. Executive - R&D 17/08/2023



Approved by
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Asst. Manager - R&D 17/08/2023



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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	"√" = 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, ISO 9001:2015 Certified.

Country of Manufacture: India

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