



HEXAGON NUTRITION

Nutritionally Yours.....

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

SPECIFICATION

Product Information

Material Name : FORTIVIT-FF-KZ (VERSION 02)
Product category : MICRONUTRIENT PREMIX
Application : Maize meal fortification

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Shelf Life

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

Dosage (Rate of Addition)

250 g of premix per 1000 kg of product

Physical parameters

Parameters	SPECIFICATIONS
Description	Characteristic color
Odor	Characteristic odor
Identification	Passes tests for Vitamin A, Vitamin B1, Vitamin B2, Vitamin B3, Folic Acid, Vitamin B12, Iron and Zinc.

Nutrient Composition and level

Nutrient	Ingredients	Unit	Nutrient claim per 1 Kg of premix		
			Target	Minimum	Maximum
Vitamin A	Vitamin A Palmitate 250 CWS	mg	4000.000	3600.000	4400.000
Vitamin B1	Thiamine mononitrate	g	17.600	15.840	19.360
Vitamin B2	Riboflavin	g	10.400	9.360	11.440
Vitamin B3	Niacinamide	g	140.000	126.000	154.000
Folic acid	Folic acid	g	4.000	3.600	4.800
Vitamin B12	Vitamin B12 0.1% Starch	g	0.032	0.029	0.035
Iron	Sodium Iron EDTA	g	60.000	54.000	64.200
Zinc	Zinc oxide	g	120.000	108.000	132.00
Colloidal Silicon Dioxide (Anti Caking Agent)		g		Q.S	
Starch (As Carrier)		g		Q.S	

Microbial Analysis Requirements

Criteria	Limits
Total plate count	Less than 10,000 CFU/ g
Yeasts and moulds	Less than 500 CFU/ g
Salmonella	Negative in 25 g
Enterobacteriaceae	Less than 10 CFU/ g
Coliforms	Less than 100 CFU/ g

Prepared by
Ayraey 06/05/2022
Executive - R&D

Reviewed by
06/05/2022
Sr. Executive - R&D



Approved by
06/05/2022
Asst. Manager- R&D



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Heavy metals analysis

Criteria	Limits
Lead (Pb)	Not more than 3 ppm
Cadmium (Cd)	Not more than 1 ppm
Mercury (Hg)	Not more than 0.1 ppm

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

Prepared by
Aiswarya 05/05/2022
 Executive - R&D

Reviewed by
[Signature] 06/05/2022
 Sr. Executive - R&D

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 Asst. Manager - R&D