



## HEXAGON NUTRITION

*Nutritionally Yours.....*Plot No. B 11, Phase I,  
MEPZ-SEZ, Tambaram,  
Chennai - 600045, INDIA**SPECIFICATION***Product Information*

Material Name : Vitamin B12 0.1 % maltodextrin  
Product category : Vitamin

*Shelf Life*

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

*Test Parameters*

PARAMETERS	SPECIFICATIONS
Description	Free flowing pink powder or almost spherical particles or agglomerates.
Solubility	Sparingly soluble in water, soluble in alcohol and insoluble in acetone, chloroform and in ether.
Identification	To pass the test.
Foreign particles	Free from any foreign particles.
% Assay (on Dried basis)	Not less than 0.1%
Loss on drying	NMT 10.50%
Pseudo cyanocobalamin	The separated upper layer from the analysis is colorless or has no more color than the control solution.
Particle size	100 % passes through 80 mesh sieve (177 microns)
Lead	NMT 0.5 mg/Kg
Arsenic	NMT 1 mg/Kg
Mercury	NMT 0.10 mg/Kg
Cadmium	NMT 0.5 mg/Kg

*Microbiological parameters*

Test parameter	Limits
Total Aerobic microbial count	NMT 1000 cfu/g
Yeast & Mould	NMT 100 cfu/g
Bile Tolerant Gram-Negative Bacteria	NMT 1000 cfu/g
Salmonella Species	Should be Absent.
Escherichia coli	Should be Absent
Staphylococcus aureus	Should be Absent

Prepared by

*Sreetha*  
17/04/2023

Executive - R&amp;D

Reviewed by

*Jnd*  
17/04/2023  
Sr. Executive - R&D

Approved by

*H. J. Sw*  
17/04/2023  
Asst. Manager - R&D



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## SPECIFICATION

### Product Information

Material Name : Vitamin B12 0.1 % maltodextrin  
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### Storage

Storage conditions: Store in a 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 and ISO 9001:2015 Certified.

Prepared by

*Sreetha* 17/04/2023

Executive - R&D

Reviewed by

*Jal* 17/04/2023

Sr. Executive - R&D



Approved by

*H. Srinivasan* 17/04/2023

Asst. Manager - R&D