



HEXAGON NUTRITION

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

Material Name : VITAMIN D3 100 CWS

Product category : VITAMIN

Shelf Life

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

Test parameters

TEST	SPECIFICATIONS
Description	It occurs as white powder
Solubility	It is Soluble in water, alcohol, in chloroform and in fatty oils.
Loss on drying (at 100 °C for 4 hours)	Not more than 5%
Particle size	Not less than 90% passing through 60#
Identification	
• Vitamin D3 by TLC	• Corresponds
• Tocopherol by TLC	• Corresponds
% Assay	NLT 100000 IU/g of C27H44O
Melting range or Temperature determination	84°C - 89 °C
Lead	NMT 2mg/Kg
Arsenic	NMT 1mg/Kg
Mercury	NMT 0.10mg/Kg
Cadmium	NMT 1mg/Kg
Microbial analysis	
Total Plate Count	NMT 1000 cfu/g
Yeast & Mould	NMT 100 cfu/g
Coliform	Negative
Salmonella	Negative
Escherichia Coli	Negative

Prepared by

Executive - R&D

A. S. W. 28/07/2021

Reviewed by

Executive - R&D

R. S. W. 28/07/2021

Approved by

Manager - R&D

E. Venkatesh 28/07/2021



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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 and ISO 9001:2015 Certified.

Prepared by

Anway
28/07/2021

Executive - R&D

Reviewed by

T. J. S. 28/07/2021

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Approved by

L. Venkatesh
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