



HEXAGON NUTRITION

Nutritionally Yours.....

Page 1 of 2

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

### SPECIFICATION

#### Product Information

Material Name : VITAMIN D3 100 CWS  
Version : 02  
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 <ul style="list-style-type: none"><li>Vitamin D3 by TLC</li><li>Tocopherol by TLC</li></ul>	<ul style="list-style-type: none"><li>Corresponds</li><li>Corresponds</li></ul>
% Assay	NLT 100000 IU/g of C <sub>27</sub> H <sub>44</sub> O (Cholecalciferol)
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

*Seetha*  
28/08/2024

Executive - R&D

Reviewed by

*Samy*  
28/08/2024

Executive - R&D

Approved by

*J. J. J.*  
28/08/2024

Asst. Manager - R&D





HEXAGON NUTRITION

*Nutritionally Yours.....*

Page 2 of 2

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

**SPECIFICATION**

*Product Information*

---

Material Name : VITAMIN D3 100 CWS  
Version : 02  
Product category : VITAMIN

*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

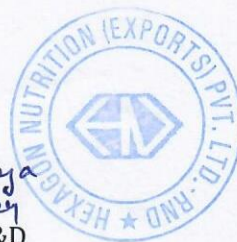
*Certification*

---

Hexagon Nutrition (Exports) Pvt. Ltd. is FSSC 22000 and ISO 9001:2015 Certified.

Prepared by  
*Swetha*  
28/08/2024  
Executive – R&D

Reviewed by  
*Samya*  
28/08/2024  
Executive – R&D



Approved by  
*H. Gow*  
28/08/2024  
Asst. Manager – R&D