

SPECIFICATIONS

Product Name	: AlgeD3™ Vegan Vitamin D ₃ Powder
Product Code	: SF054
CAS No.	: 67-97-0
Molecular Formula	: C ₂₇ H ₄₄ O
Ingredients	: Tapioca Maltodextrin, Acacia Gum, AlgeD3™ Oil (Mct Oil, Cholecalciferol (vitamin D ₃), Mixed Tocopherols (alpha, beta, gamma and delta)), Vitamin C

Identifications	Specification	Assay
Physical & Chemical		
Appearance	Powder	Organoleptic
Moisture content	Max. 5%	AOAC loss on drying
Particle size	100% pass 20mesh	AOAC particle size
Cholecalciferol assay	Min. 100,000iu/g	USP41/NF36 vitamin D assay
Microbiology		
Total plate count	Max.3000cfu/g	AOAC OMA 990.12
Coliforms	Max.10cfu/g	AOAC OMA 991.14
E. coli	Negative /g	AOAC OMA 991.14
Yeasts and molds	Max.100cfu/g	AOAC OMA 2014.05
Staphylococcus aureus	Negative /g	AOAC OMA 2003.11
Salmonella	Negative /25g	AOAC OMA 2016.01
Contamination		
Total heavy metals*	Max. 3 ppm	FDA EAM 4.7
Arsenic*	Max.0.5 ppm	FDA EAM 4.7
Lead*	Max.0.5 ppm	FDA EAM 4.7
Mercury*	Max.0.1 ppm	FDA EAM 4.7
Cadmium*	Max.0.1 ppm	FDA EAM 4.7

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Nutrition and energy values on product (per 100 g):

This information has an indicative value only.

Energy value	:	434.2	kcal
Protein	:	0.8	g
Carbohydrates	:	74	g
- sugars	:	0	g
Fat	:	15	g
- saturated fatty acids	:	15	g
- trans fatty acids	:	0	g
Sodium	:	40	mg

Packaging:

1 kg/bag with a deoxidizer, 5 kg/bag with a deoxidizer

Stability and storage:

AlgeD3™ is sensitive to air, light and humidity. The product may be stored for 30 months from the date of manufacture in the unopened original container and at a room temperature (best below 15°C). The 'best use before' date is printed on the label. Keep container tightly closed. Once opened, use contents quickly.

Safety:

This product is safe for the intended use. Avoid ingestion or direct contact by applying suitable protective measures and personal hygiene.

Legal notice:

The information given in this publication is based on our current knowledge and experience, and may be used at your discretion and risk. It does not relieve you from carrying out your own precautions and tests. We do not assume any liability in connection with your product or its use. You must comply with all applicable laws and regulations, and observe all third party rights.

**External analysis once a year*

The information contained herein is based on our current knowledge and experience and has been compiled with the utmost reasonable care. This should not be construed to be a guarantee. Please be advised that this information does not release you from your obligation to exercise due care with respect to quality assurance and suitability testing to comply with currently valid laws and regulations.

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Hansford Biotech Co., Ltd. 11F., No. 46-10, Sec. 2, Chongde Rd., Beitun Dist., Taichung City 406503, Taiwan

Tel: +886-4-22471738 Fax: +886-4-22471938 Web: www.hansfordbio.com

Date of issue: 2025.03.18