

ORIGINAL

DRY VITAMIN D3 100 SD/S



ATTACHMENT TO CERTIFICATE OF ANALYSIS

Productcode : 5010950
Lot No. : UT20090037
Analysis No. : 03E52572

CfC Number : 04253991
Articlecode : 5010950341
Sales Name : 20 KG BOX/ALU DRY VITAMIN
D3 100 SD/S

Manufacturing Date : 21-MAR-2024
Best Use Before Date : 21-MAR-2026
Delivery Note No. 8422093618
Destination : Iran
Customer Ref. No : 2K20-0073-VIT
Customer Article No:

DSM Nutritional Products Europe Ltd.

A handwritten signature in black ink, appearing to read "Mr. R. ...", is written over the printed name of the company.

DRY VITAMIN D3 100 SD/S

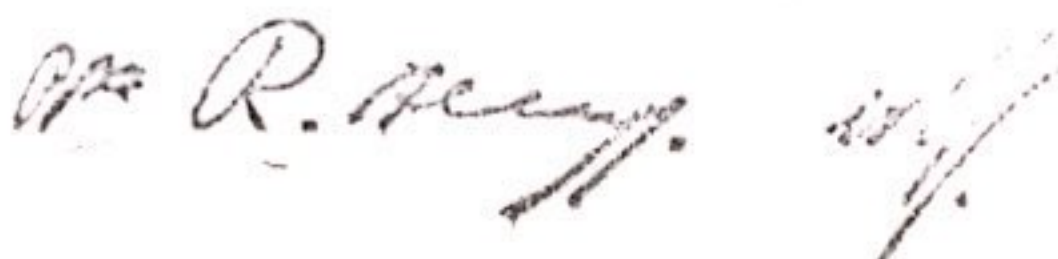
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Test	Result	Limits / Specifications	Dimension / Units
Appearance visual	free flowing particles	free flowing particles	
Colour visual	yellowish	off-white yellowish	
Fineness (US Standard sieve): - through sieve No. 80 / USP jet sieving	100	min 95	%
Dispersibility in water Dispersibility in water at 20°C	passes test	passes test	
Loss on drying Halogen moisture Analysis	4	max. 6	%
Identity for Vitamin D3 TLC	corresponds	corresponds	
Identity for Tocopherol TLC	corresponds	corresponds	
Identity for Sodium Ascorbate HPLC	corresponds	corresponds	
Assay Vitamin D3 HPLC	108082	100000 to 110000	I.U./g
Microbiological purity			
Total aerobic microbial count Ph.Eur.	<10 ³	<10 ³ 10 ³	CFU/g
Total combined yeast/moulds count Ph.Eur.	<10 ²	<10 ² 10 ²	CFU/g
Enterobacteria Ph.Eur.	<10	<10	CFU/g
Escherichia coli Ph.Eur.	negative in 10g	negative in 10g	
Salmonella spp. Ph.Eur.	negative in 25g	negative in 25g	
Staphylococcus aureus Ph.Eur.	negative in 10g	negative in 10g	
Pseudomonas aeruginosa Ph.Eur.	negative in 10g	negative in 10g	

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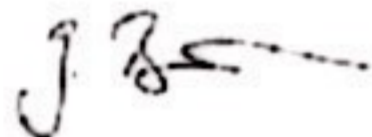
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This lot has been analyzed and released. The manufacturing and control records have been reviewed by our authorized Quality organization. This lot meets substance specifications as given here above and has been produced in conformity with applicable Good Manufacturing Practices (GMP).

The product meets all requirements of the following valid compendia when tested accordingly:
USP, FCC and Ph.Eur.

DSM Nutritional Products Ltd
The Quality Assurance Manager



BARTH GABRIELE

DSM Nutritional Products Europe Ltd.

