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VITAMIN A+D3 WATER-MISCIBLE 100/20

CERTIFICATE OF ANALYSIS

Productcode : 5011566
 Lot No. : UT18100042
 Analysis No. : 03D21062

Test	Result	Limits / Specifications	Dimension / Units
Appearance visual	slightly opalescent liquid	slightly opalescent liquid	
Colour visual	greenish-yellow	greenish-yellow	
pH Ph.Eur.	7.3	6.0 to 7.5	
Density (20°C) Ph.Eur.	1.05	1.04 to 1.06	g/ml
Identity for vitamin A palmitate HPLC	corresponds	corresponds	
Identity for vitamin D3 HPLC	corresponds	corresponds	
Identity for BHA GC	corresponds	corresponds	
Identity for BHT GC	corresponds	corresponds	
Vitamin A activity UV/Ph.Eur.	114200	min. 100000	IU/ml
Vitamin D3 activity HPLC	22300	min. 20000	IU/ml
Microbiological purity			
Total aerobic microbial count Ph.Eur.	<10 ²	10 ² <10 ²	CFU/ml
Total combined yeast/moulds count Ph.Eur.	<10 ¹	10 ¹ <10 ¹	CFU/ml
Enterobacteria Ph.Eur.	negative in 10ml	negative in 10ml	
Escherichia coli Ph.Eur.	negative in 10ml	negative in 10ml	
Salmonella spp. Ph.Eur.	negative in 25ml	negative in 25ml	
Staphylococcus aureus Ph.Eur.	negative in 10ml	negative in 10ml	
Pseudomonas aeruginosa	negative in 10ml	negative in 10ml	

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Coversheet for Certificate of Analysis

Productcode : 5011566
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CfC Number : 03673094
Articlecode : 5011566126
Sales Name : 6 L Botella Alu: VITAMIN A +
D3 WATER-MISCIBLE 100/20
Manufacturing Date : 30-OCT-2018
Best Use Before Date : 29-APR-2020
Delivery Note No. 1122892940
Destination : Chile
Customer Ref. No : 4500759973
Customer Article No: 5011566126
Customer Name: DSM Nutritional Products
Chile S.A.
Loteo Los Cantaros
Puerto Varas

Comment

VITAMIN A+D3 WATER-MISCIBLE 100/20

CERTIFICATE OF ANALYSIS

Productcode : 5011566
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Analysis No. : 03D21062

This lot was analysed and released by our authorized Quality Control Department and was found to meet the specifications as given above.

DSM Nutritional Products Ltd
The Quality Assurance Manager

A handwritten signature in black ink, appearing to read "U. Deiss".

Deiss Urs