

Coversheet for Certificate of Analysis

Productcode : 5014549
Lot No. : 4230484010
Analysis No. : 03F53230

CfC Number : 05551359
Articlecode : 5014549304
Sales Name : 5 KG BAG ALU Tolerase L
Manufacturing Date : 12-OCT-2023
Best Use Before Date : 11-OCT-2026
Delivery Note No. 8222082627
Destination : Netherlands
Customer Ref. No : 253545 OP
Customer Article No:
Customer Name: H.Essers Logistics Services Company Nede
Drivers office Noordland 11
(former MEPAVEX)
alexander.devos@essers.com

Article desc. CoA
Comment

TOLERASE® L

CERTIFICATE OF ANALYSIS

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Test	Result	Limits / Specifications	Dimension / Units
Appearance Visual	microgranulate	microgranulate	
Colour Visual	off white to light brown	off white to light brown	
Standardised activity Spectroscopy	124919	min. 100000	ALU/g
Dry matter Gravimetric analysis	99.2	> 94	%
Microbiological purity			
Total aerobic microbial count	<10	<= 1000	CFU/g
Test of microbiological quality			
Total combined yeasts/moulds count	<10	<= 100	CFU/g
Test of microbiological quality			
Enterobacteria	<10	<10	CFU/g
Test of microbiological quality			
Salmonella spp	negative in 25 g	negative in 25 g	
Test of microbiological quality			
Escherichia coli	negative in 25 g	negative in 25 g	
Test of microbiological quality			
Staphylococcus aureus	negative in 10 g	negative in 10 g	
Test of microbiological quality			
Pseudomonas aeruginosa	negative in 10 g	negative in 10 g	
Test of microbiological quality			
Sulphite reducing anaerobes	<10	< 30	CFU/g
Test of microbiological quality			
Total coliforms	<10	< 30	CFU/g
Test of microbiological quality			
Antimicrobial activity			
Test of microbiological quality	absent	absent	

TOLERASE® L

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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).

DSM Nutritional Products Ltd
The Quality Assurance Manager



Cords Christoph