

TOLERASE L

CERTIFICATE OF ANALYSIS

Productcode : 5014549
 Lot No. : 7177004010
 Analysis No. : 03C11434

Test	Result	Limits / Specifications	Dimension / Units
Appearance Visual	microgranulate	microgranulate	
Colour Visual	the colour may vary from batch to batch	the colour may vary from batch to batch	
Standardised activity Standardised activity 2458HVS	124945	min. 100000	ALU/g
Dry matter 0331HVS	95.3	> 94	%
Microbiological purity			
Total aerobic microbial count EP 2.6.12 and 2.6.13	10	<= 1000	CFU/g
Total combined yeasts/moulds count EP 2.6.12 and 2.6.13	<10	<= 100	CFU/g
Enterobacteria EP 2.6.12 and 2.6.13	<10	<10	CFU/g
Salmonella spp EP 2.6.12 and 2.6.13	negative in 25g	negative in 25g	
Escherichia coli EP 2.6.12 and 2.6.13	negative in 10g	negative in 10g	
Staphylococcus aureus EP 2.6.12 and 2.6.13	negative in 10g	negative in 10g	
Pseudomonas aeruginosa EP 2.6.12 and 2.6.13	negative in 10g	negative in 10g	

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



Kreutzer Andrea

Product Information

Tolerase™ L

GMO Statement

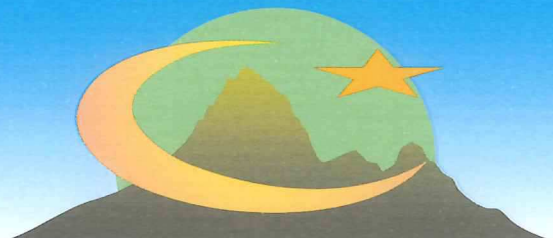
We hereby confirm that the active substance used in the above named product is manufactured by fermentation using a Genetically Modified Micro-organism (GMM) under containment. The product has been purified and does not contain any GMM or GMO-DNA.

With regard to the ingredients used in the application form of this product, we hereby confirm that they are manufactured using conventional processes** and that they are not produced from GMOs. The ingredients do not contain GMO -DNA.

** The term "conventional process" refers to chemical synthesis, fermentation using non-GMM or extraction from conventional plants

This document is generated electronically and valid without signature.

Disclaimer: The information contained herein is to the best of our knowledge accurate. However, we refuse any liability for the application and use of further processed material containing our product. Solely the producer of the final product has to assume full responsibility according to the relevant local regulations. The content of this document is subject to change without further notice unless otherwise agreed in writing. Please consult your local representative or one of DSM's websites at <https://webshop.dsm.com> for the latest version of this document or the latest information.



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HALAL CERTIFICATE

Processing Plant	Unique Plant code	HFFIA Halal Logo number
DSM Food Specialties 15, Rue des Comtesses – B.P. 239 59472 Seclin Cedex, France	DSM-DFS Seclin	H00098-01608 // A0092 AF

Investigation:

- The production of the mentioned products in the attached list is taking place in a clean and Halal approved processing system. The ingredients, raw materials used to produce this product mentioned below are screened on Halal-being and Halal approved.
- The processing plant DSM Food Specialties, 15, Rue des Comtesses – B.P. 239, 59472 Seclin Cedex, France, produces Halal products according to the HFFIA Halal protocols.
- The following products are Halal:

Halal Products Food Processing					
Nr.	Product name	Nr.	Product name	Nr.	Product name
1	Enzyme SSC	9	Maxipro GEP	17	Phytase 10 000 L
2	Delvolase	10	Maxipro PSP	18	Purifine PLA2
3	Maxamyl P	11	Maxipro XF	19	Tolerase G
4	Maxapal A2	12	Maxamyl HT	20	Tolerase L
5	Maxapal C10	13	Maxipro BAP	21	Tolerase P 20 000 G
6	Maxapal FL	14	Maxipro CPP	22	Tolerase AN
7	Maxapal Go4 L	15	Maxipro TNP	23	Maxipro GEP
8	Maxipro HSP	16	Meltamase	XX	XXXXXXXXXXXXXXXXXX

Confirmation:

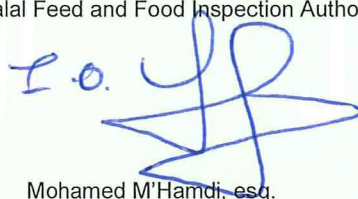
The processing plant DSM Food Specialties, 15, Rue des Comtesses – B.P. 239, 59472 Seclin Cedex, France is an approved plant under the supervision of the Majlis Al IFTA (Council of Theological Scholars in the Netherlands / EU). This product is Halal and suitable for the Muslim consumer.

These products are only Halal as long as a HFFIA Halal certificate is attached to the consignment and or the Halal products carry the HFFIA Halal Logo mentioned in this certificate.

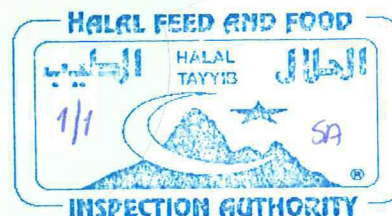
Validity	Registration Number	Expiry date of the Halal Certificate
6 months	DSM-SF/17009/H00098/121	After// 30-06-2017 // new application is required.

The Hague, 28 December 2016
Halal Feed and Food Inspection Authority,

AF
H00098
170630



Mohamed M'Hamdi, esq.
(Official functionary of Halal Feed and Food Inspection Authority)



The products mentioned in this Halal Certificate are Halal Certified in conformity with the standards of the 1) ISO/IEC 17065:2012, 2) HAS 23000:1, LPPOM-MUI 2012 and 3) Malaysian Halal Standard (MS 1500:2009, second revision).