

# FOLIC ACID FOOD GRADE

## CERTIFICATE OF ANALYSIS

Productcode : 5004357  
 Lot No. : UT17010034  
 Analysis No. : 03C00625

Test	Result	Limits / Specifications	Dimension / Units
<b>Appearance</b> visual	yellow powder	yellow powder yellowish-orange powder	
<b>Identität</b> HPLC	corresponds	corresponds	
<b>Water</b> KFR	7.4	5.0 to 8.5	%
<b>Lead</b> FCC	corresponds*	max. 2	ppm
<b>Sulphated ash</b> (residue on ignition) Ph.Eur.	0.0	max. 0.3	%
<b>Related substances:</b>			
- N-(4-aminobenzoyl)-L-glutamic acid HPLC	0.1	max. 0.5	%
- 2,5,6-Triaminopyrimidin-4(1H)-one HPLC	0.0	max. 0.5	%
- Pteric acid HPLC	0.0	max. 1.0	%
- Any other impurity HPLC	<0.5	max. 0.5	%
- Total of other impurities HPLC	0.5	max. 3.0	%
<b>Assay</b> (on anhydrous material) HPLC	99.7	95.0 to 102.0	%

\*) checked at regular intervals

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



Zoehner Juergen

## Folic Acid Food Grade

### GMO Statement

We hereby confirm that the product Folic Acid Food Grade is manufactured by conventional processes\*\* and therefore does not contain GMO-DNA.

\*\* The term "conventional process" refers to chemical synthesis, fermentation using non GMM, 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 <http://webshop.dsm.com> for latest version of this document or the latest information.



# HFCE

Halal Food Council of Europe المجلس الأوروبي للأغذية الحلال

4 Rue de la Presse, 1000 Brussels, Belgium | Tel: +32-2227-1114, +32-2227-2728 | Fax: +32-2218-3141 | www.HFCE.eu

Registration No: 827964482

## HALAL CERTIFICATE شهادة حلال

المجلس الأوروبي للأغذية الحلال يشهد بأن المنتجات المذكورة أدناه قد إستوفت شروط الحلال وفقاً للشريعة الإسلامية

The Halal Food Council of Europe hereby certifies that the products listed below have met the Halal requirements in accordance with Islamic laws.

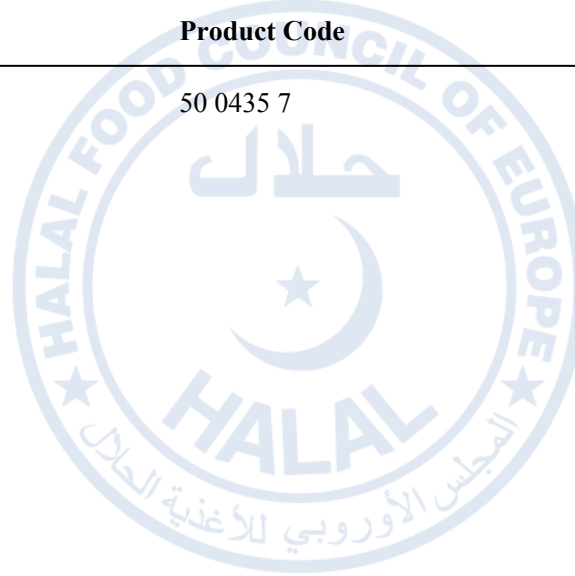
Date: November 16, 2016

Document #: 5256.5257.IH160731

Company Name & Address: **DSM Nutritional Products, Ltd.** PO Box 2676 Postfach, Basel City CH 40020 Switzerland

Plant Name & Address: **DSM Nutritional Products** Hauptstrasse 4 Sisseln, Aargau CH 4334 Switzerland

Product Name	Product Code	Halal-ID	Product Certificate #
Folic Acid Food Grade	50 0435 7	A95998	HC-16DS6E15



  
**Iqbal Ahmed Qureshi**  
Director & Halal Administrator



This certificate is valid until **November 30, 2018** and subject to renewal at that time.



Page 1 of 1

D160129302HCP1E

Thu Jul 27 15:08:07 AST 2017