

Please note that the certificates of analysis are also conveniently available online and around the clock at [www.worldaccount.basf.com](http://www.worldaccount.basf.com)

Fax No 00902165241280

EKIN KIMYA TICARET A.S.

INCIR SOK. 6/A

34692 ISTANBUL

USKUDAR

Turkey

2017-05-18

Head of Q

JUERGEN.DREMEL@BASF.COM

+49 7303 13-372

Certificate No 3715

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### Test Report 2.2 according to EN 10204

Tonalin® FFA 80

25KG Steel drums

Purchase Order/Customer Product#

SAP4538

00000000050209561

Material	50209561
Order	3013494063 000010
Delivery	3416358561 000010
Lot	0015663799
Lot/Qty	50.000 KG
Total	1100.000 KG
Transport	KFZ-Kennzeichen

Characteristic Method	Unit	Value	Lower Limit	Upper Limit
ACID VALUE MG KOH/G ISO 660		197	195	204
PEROXIDE VALUE MEQ O2/KG CP-001009		0,0	0,0	1,0
IODINE VALUE G I/100G DGF C-V 11a		163	120	
COLOR GARDNER DGF C-IV 4c		0,4	0,0	2,0
FATTY ACID C16:0 IA-001011	%(a)	0,7	0,0	4,0
FATTY ACID C18:0 IA-002011	%(a)	2,5	0,0	4,0
FATTY ACID C18:1 C9 IA-003011	%(a)	13	10	20
FATTY ACID C18:2 C9, C12 IA-004011	%(a)	0,4	0,0	3,0
FATTY ACID C18:2 CONJUG. IA-005011	%(a)	81	78	84
FATTY ACID C18:2 C9, T11 IA-006011	%(a)	39,9	37,5	42,0
FATTY ACID C18:2 T10, C12 IA-007011	%(a)	39,6	37,5	42,0
FATTY ACID C18:2 CONJUG., TT-ISOMERS IA-009011	%(a)	0,6	0,0	1,0

The aforementioned data shall constitute the agreed contractual quality of the product at the time of passing of risk. The data are controlled at regular intervals as part of our quality assurance program. Neither these data nor the properties of product specimens shall imply any legally binding guarantee of certain properties or of fitness for a specific purpose. No liability of ours can be derived therefrom.

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**Under Monitoring:**

Total aerobic microbial count	max. 3000 cfu/g
molds, yeasts	max. 300 cfu/g
Coliforms	negative/g
E. coli	negative/g
Staph Coagulase positiv	negative/g
Salmonella	negative/25g

Released by J.Dremel

Production date (dd.mm.yyyy)	01.07.2016
Release date	07.07.2016
Retest date / Best Before date	01.07.2019

BASF Personal Care & Nutrition GmbH  
89257 Illertissen, Germany

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Tonalin® FFA 80

25KG Steel drums

Purchase Order/Customer Product#

SAP4538

00000000050209561

Material	50209561
Order	3013494063 000010
Delivery	3416358561 000010
Lot	0016565260
Lot/Qty	1050.000 KG
Total	1100.000 KG
Transport	KFZ-Kennzeichen

Characteristic Method	Unit	Value	Lower Limit	Upper Limit
ACID VALUE MG KOH/G ISO 660		195	195	204
PEROXIDE VALUE MEQ O2/KG ISO 3960		0,2	0,0	1,0
IODINE VALUE G I/100G DGF C-V 11a		157	120	
COLOR GARDNER DGF C-IV 4c		0,4	0,0	2,0
FATTY ACID C16:0 IA-001011	%(a)	1,5	0,0	4,0
FATTY ACID C18:0 IA-002011	%(a)	2,5	0,0	4,0
FATTY ACID C18:1 C9 IA-003011	%(a)	13	10	20
FATTY ACID C18:2 C9, C12 IA-004011	%(a)	0,3	0,0	3,0
FATTY ACID C18:2 CONJUG. IA-005011	%(a)	80	78	84
FATTY ACID C18:2 C9, T11 IA-006011	%(a)	39,4	37,5	42,0
FATTY ACID C18:2 T10, C12 IA-007011	%(a)	39,2	37,5	42,0
FATTY ACID C18:2 CONJUG., TT-ISOMERS IA-009011	%(a)	0,6	0,0	1,0

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**Under Monitoring:**

Total aerobic microbial count	max. 3000 cfu/g
molds, yeasts	max. 300 cfu/g
Coliforms	negative/g
E. coli	negative/g
Staph Coagulase positiv	negative/g
Salmonella	negative/25g

Released by J.Dremel

Production date (dd.mm.yyyy)	12.01.2017
Release date	25.01.2017
Retest date / Best Before date	12.01.2020

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**Statement: GMO-Information****Tonalin® FFA 80**

Last checked: 01 Mai. 2017

PRD 30531864

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® = Registered trademark of BASF

™ = Trademark of BASF

We hereby confirm that the above mentioned product intended for use in human nutrition has been produced without usage of GMO respectively genetic engineering in any stage of the production process either the product itself or any of the ingredients and/or raw materials used.

Consequently the mentioned product is therefore not subject to GMO-labelling and traceability under Regulations (EC) No. 1829/2003 and 1830/2003 as amended and taking into account the changed definition of "ingredients" within Regulation (EU) No. 1169/2011.

If you have any further questions or need additional support, please contact your BASF sales representative.

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# HFCE

المجلس الأوروبي للأغذية الحلال  
Halal Food Council of Europe

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: July 17, 2017

Document No.: **BAS.2849.4062.170084.DE**

Company Name & Address:

**BASF PERSONAL CARE AND NUTRITION GMBH**  
Robert Hansen Str.1  
Illertissen, Germany

Name of Products:

- |                                   |                              |                             |                                       |
|-----------------------------------|------------------------------|-----------------------------|---------------------------------------|
| 1. Ascorbylpalmitat 5% In Tonalin | 39. Lamemul GP84-6           | 77. Lametop 500             | 115. Omevital 0525 TG Gold            |
| 2. Cegemett MLZ340                | 40. Lamemul K 360            | 78. Lametop 500 RS          | 116. DHA Algal Oil                    |
| 3. Cegemett MZ406                 | 41. Lamemul K 2000 K         | 79. Lametop 552             | 117. Polarin T Deo                    |
| 4. Cegemett MZ490                 | 42. Lamemul K 2001 S         | 80. Lametop P 45            | 118. Polymuls 4G                      |
| 5. CEGEPAL O3C                    | 43. Lamequick AS 342         | 81. Lametop P 65            | 119. Prefera SSL 6000                 |
| 6. Cegepal TG126                  | 44. Lamequick AS 352         | 82. Lametop V40048          | 120. Sett P 55                        |
| 7. Cegepal TG 187 CB              | 45. Lamequick BF 7318        | 83. Monomuls M 90           | 121. Spongolit 283                    |
| 8. Cegepal VF-HC 77               | 46. Lamequick C              | 84. Monomuls 60-35          | 122. Spongolit 4040                   |
| 9. Cegepal VF-P 36/39             | 47. Lamequick C 69           | 85. Monomuls 90-35          | 123. Spongolit 400 CK                 |
| 10. CB Datem 210                  | 48. Lamequick C 7520         | 86. Monomuls 90-L12         | 124. Spongolit 450                    |
| 11. CLA FFA 80                    | 49. Lamequick CE 1/SF        | 87. Monomuls 90-L 12 EN     | 125. Spongolit 455                    |
| 12. CLA FFA 80 US                 | 50. Lamequick CE 63          | 88. Monomuls 90-O 18        | 126. Spongolit 455 K                  |
| 13. Controx GH                    | 51. Lamequick CE 2903 NA     | 89. Nutrilife AM 100        | 127. Spongolit 460                    |
| 14. Controx LF 10 GMO-FREI        | 52. Lamequick CE 6068        | 90. Nutrilife AM 17         | 128. Spongolit 542                    |
| 15. Controx VP GMO frei           | 53. Lamequick CE 6342        | 91. Nutrilife AS 10         | 129. Spongolit 543 SP                 |
| 16. Coviox T30P EU                | 54. Lamequick CE 6569        | 92. Nutrilife ASM           | 130. Spongolit EP 320                 |
| 17. Delios S Powder               | 55. Lamequick CE 7203        | 93. Nutrilife AS M-25       | 131. Spongolit 550                    |
| 18. Ecowip DE 20                  | 56. Lamequick CE 7203 K      | 94. Nutrilife B190          | 132. Spongolit 991                    |
| 19. Emul 323                      | 57. Lamequick CE 7273 Powder | 95. Nutrilife CB 280        | 133. Spongolit 550                    |
| 20. ENZ 468                       | 58. Lamequick CE 7279        | 96. Nutrilife CCX10         | 134. Tonalin 60 WDP                   |
| 21. Fat V 39759                   | 59. Lamequick CE2956         | 97. Nutrilife CCX 11        | 135. Tonalin FFA 80                   |
| 22. Fish Oil 080:180 TG Gold      | 60. Lamequick CE5557         | 98. Nutrilife CCX12         | 136. Tonalin TG 80                    |
| 23. Generolester GM               | 61. Lamequick CE 6630        | 99. Nutrilife CCX 14        | 137. Tonalin TG 80 C                  |
| 24. Generolester GM DESO          | 62. Lamequick CE 7273        | 100. Nutrilife CS 16        | 138. Tuna Oil 0525 PDEO               |
| 25. Generolester NG               | 63. Lamequick CE 8580        | 101. Nutrilife CS 30        | 139. Uneks o Enzym Fungal Alfa Amilaz |
| 26. Generolester NG DESO          | 64. Lamequick CN 7940        | 102. Nutrilife EM 2         | 140. VEGAPURE 67 WDP                  |
| 27. General 98 RF                 | 65. Lamequick CP 1           | 103. Nutrilife EM U         | 141. Vegapure 67 WDP E                |
| 28. Kirnol CE 1089                | 66. Lamequick CP 637         | 104. Nutrilife EM L         | 142. Vegapure 95 DS                   |
| 29. Kirnol SV 45                  | 67. Lamequick CP643          | 105. Nutrilife FR 15        | 143. Vegapure 95 E                    |
| 30. Kirnol V39360                 | 68. Lamequick ME1-30         | 106. Nutrilife GO 2         | 144. Vegapure 95 E ND                 |
| 31. Lamegin DW 9000               | 69. Lamequick ME 1-60        | 107. Nutrilife H 2000       | 145. Vegapure 95 ER                   |
| 32. Lamegin DWP 2000              | 70. Lamequick SUN 40         | 108. Nutrilife K C          | 146. Vegapure 95 FF                   |
| 33. Lamegin DWT 6000              | 71. Lamequick VE 28          | 109. Nutrilife LMT          | 147. Vegapure 95 WE                   |
| 34. Lamegin EE 30                 | 72. Lamesorb SMO 20 Kosher   | 110. Nutrilife V39833       | 148. Vegapure F40 WDP E               |
| 35. Lamegin EE 50                 | 73. Lametop 200 RS           | 111. Nutrilife V 40049      | 149. Vegapure 95 R                    |
| 36. Lamegin GLP2410               | 74. Lametop 210 RS           | 112. Nutrisoft 55           | 150. Vegapure 867 F                   |
| 37. Lamegin ZE 306 Kosher         | 75. Lametop 300              | 113. Omega Oil 0525 TG Gold |                                       |
| 38. Lamegin ZE 609 Powder         | 76. Lametop 322              | 114. Omega Oil 1812 TG Gold |                                       |

  
**Iqbal Ahmed Qureshi**  
Director & Halal Administrator



Valid until: **June 30, 2018**



D160129301HCP1E