



ORTHODOX UNION

LETTER OF KOSHER CERTIFICATION

נס"ד

UNION OF ORTHODOX JEWISH CONGREGATIONS OF AMERICA איחוד קהילות האורתודוקסים באמריקה
 ELEVEN BROADWAY / NEW YORK, NY 10004 / 212-613-8241 / KOSHERLETTER@OU.ORG / OUKOSHER.ORG

January 01, 2020

This is to certify that the following product(s) prepared by this plant are under the supervision of the Kashrus Division of the Orthodox Union and are kosher as indicated below.

Ingredion (Thailand) Co., Ltd. - KLAENG (BKD Plant), 202 Moo 12, Sukhumvit Road (KM.275), T.Thungkwaikin, A.Klaeng, Rayong , THAILAN

Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion			
• N Creamer 221 KP <i>Approved as Kosher for Passover only with approved batch numbers</i>	OUW2-F9E5716	Pareve	Symbol not required. Certified for Passover and year-round use.
• National Frigex HV <i>Special Production for the 2020 Passover Season. Approved as Kosher for Passover only with lot specific certificate.</i>	OUW2-9908B57	Pareve	Symbol not required. Certified for Passover and year-round use.
• National Frigex HV KP <i>Special Production for the 2020 Passover Season. Approved as Kosher for Passover only with lot specific certificate.</i>	OUW2-55013CE	Pareve	Symbol not required. Certified for Passover and year-round use.

Use of the OU trademark must comply with the terms set forth in a written agreement with the Orthodox Union. Any other use of the OU trademark is not authorized.

Rabbi Menachem Genack, *Rabbinic Administrator, CEO*

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredient (continued)			
<ul style="list-style-type: none"> National Frigex KP <p><i>Special Production for the 2020 Passover Season. Approved as Kosher for Passover only with lot specific certificate.</i></p>	OUW2-6FA9EE5	Pareve	Symbol not required. Certified for Passover and year-round use.
<ul style="list-style-type: none"> Thick-Flo KP <p><i>Special Production for the 2020 Passover Season. Approved as Kosher for Passover only with lot specific certificate.</i></p>	OUW2-3CEF85E	Pareve	Symbol not required. Certified for Passover and year-round use.
Brand: Ingredient China			
<ul style="list-style-type: none"> NATIONAL DC <p><i>Approved when produced in Thailand.</i></p>	OUV2-9B7657F	Pareve	Symbol not required.
<ul style="list-style-type: none"> PURITY 360 <p><i>Approved when product of China and third character in lot code is S.</i></p>	OUV2-0778EF7	Pareve	Symbol not required.

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion China (continued)			
• PURITY 680 <i>Approved when product of China and third character in lot code is S.</i>	OUV2-AA0003B	Pareve	Symbol not required.
Brand: National Starch			
• N-DULGE [TM] 311 <i>Approved when produced in Thailand</i>	OUV2-5FC5A43	Pareve	Symbol not required.
• Novation (R) Indulge 3920 <i>Approved when produced in Thailand</i>	OUV2-9AF7168	Pareve	Symbol not required.
• QUIK Tex 2970 <i>Approved when product of China and third character in lot code is S.</i>	OUV2-0D00770	Pareve	Symbol not required.
• THERMTEX <i>Approved when produced in Thailand</i>	OUV2-9469AD4	Pareve	Symbol not required.

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Product Name	UKD-ID	Status	Certification Requirements
Brand: National Starch (continued)			
<ul style="list-style-type: none"> UNI-PURE [TM] IMF 8561 <i>Approved when produced in Thailand.</i> 	OUV2-C3C3E2C	Pareve	Symbol not required.
Brand: National Starch Food Innovation			
<ul style="list-style-type: none"> 909-45 <i>Approved when produced in Thailand.</i> 	OUV2-4BD20C9	Pareve	Symbol not required.
<ul style="list-style-type: none"> 912-26 <i>Approved when produced in Thailand.</i> 	OUV2-9410F57	Pareve	Symbol not required.
<ul style="list-style-type: none"> 916-70 <i>Approved when produced in Thailand.</i> 	OUV2-1A8275F	Pareve	Symbol not required.
<ul style="list-style-type: none"> 920-40 <i>Approved when produced in Thailand.</i> 	OUV2-9A0AC94	Pareve	Symbol not required.

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Product Name	UKD-ID	Status	Certification Requirements
Brand: National Starch Food Innovation (continued)			
• 921-60 <i>Approved when produced in Thailand.</i>	OUV2-DC2B380	Pareve	Symbol not required.
• 921-87 <i>Approved when produced in Thailand.</i>	OUV2-D216D53	Pareve	Symbol not required.
• 923-01 <i>Approved when produced in Thailand.</i>	OUV2-BDAA234	Pareve	Symbol not required.
• 923-02 <i>Approved when produced in Thailand.</i>	OUV2-808C989	Pareve	Symbol not required.
• ADVANTA-GEL S <i>Approved when produced in Thailand</i>	OUV2-433E504	Pareve	Symbol not required.
• BAKA-SNAK ® <i>Approved when produced in Thailand.</i>	OUV2-7639D91	Pareve	Symbol not required.

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Product Name	UKD-ID	Status	Certification Requirements
Brand: National Starch Food Innovation (continued)			
• BATTERBIND (R) J <i>Approved when produced in Thailand.</i>	OUV2-AB578EA	Pareve	Symbol not required.
• BENEFORM 2260 <i>Approved when produced in Thailand.</i>	OUV2-85AF428	Pareve	Symbol not required.
• BIND T <i>Approved when produced in Thailand.</i>	OUV2-BC4E337	Pareve	Symbol not required.
• BTS <i>Approved when produced in Thailand.</i>	OUV2-B11686E	Pareve	Symbol not required.
• CATO 304 <i>Approved When Produced In Thailand</i>	OUV2-A445A52	Pareve	Symbol not required.
• COLFLO 67K <i>Approved when produced in Thailand</i>	OUV2-7947FD8	Pareve	Symbol not required.

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Brand: National Starch Food Innovation (continued)			
• CRISPCOAT 868 <i>Approved when produced in Thailand.</i>	OUV2-A1A24E5	Pareve	Symbol not required.
• CRISPIOCA ® <i>Approved when produced in Thailand.</i>	OUV2-0C4B6DF	Pareve	Symbol not required.
• CRISPIOCA ® PLUS <i>Approved when produced in Thailand.</i>	OUV2-CCB8582	Pareve	Symbol not required.
• CRYSTAL SET 100 <i>Approved when produced in Thailand.</i>	OUV2-1FA58F4	Pareve	Symbol not required.
• CRYSTAL SET 300 <i>Approved when produced in Thailand.</i>	OUV2-0B5F4C9	Pareve	Symbol not required.
• DEXBASE <i>Approved when produced in Thailand.</i>	OUV2-3ACCC06	Pareve	Symbol not required.

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Product Name	UKD-ID	Status	Certification Requirements
Brand: National Starch Food Innovation (continued)			
• ELASTIGEL ® 3000 M <i>Approved when produced in Thailand.</i>	OUV2-E7C060B	Pareve	Symbol not required.
• ELASTIGEL ® 4000N <i>Approved when produced in Thailand.</i>	OUV2-1C7DD77	Pareve	Symbol not required.
• ELASTIGEL ® 4500N <i>Approved When Produced In Thailand</i>	OUV2-F6BDF2E	Pareve	Symbol not required.
• ELASTIGEL ® 5100 <i>Approved when produced in Thailand.</i>	OUV2-AFC6E7B	Pareve	Symbol not required.
• ELASTIGEL ® 5200 <i>Approved when produced in Thailand.</i>	OUV2-1F49562	Pareve	Symbol not required.
• ELASTIGEL® 1000J <i>Approved when produced in Thailand.</i>	OUV2-E68C971	Pareve	Symbol not required.

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Product Name	UKD-ID	Status	Certification Requirements
Brand: National Starch Food Innovation (continued)			
• ELASTIGEL® 3000MK <i>Approved when produced in Thailand</i>	OUV2-A15AC65	Pareve	Symbol not required.
• ELASTITEX 1 <i>Approved when produced in Thailand.</i>	OUV2-3533E63	Pareve	Symbol not required.
• ELASTITEX 1K <i>Approved when produced in Thailand.</i>	OUV2-49BAA41	Pareve	Symbol not required.
• ELASTITEX 2 <i>Approved when produced in Thailand.</i>	OUV2-6D0B35F	Pareve	Symbol not required.
• ELASTITEX 208 <i>Approved when produced in Thailand</i>	OUV2-EE4E30A	Pareve	Symbol not required.
• ELASTITEX 3K <i>Approved when produced in Thailand</i>	OUV2-0F8B2C8	Pareve	Symbol not required.

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Product Name	UKD-ID	Status	Certification Requirements
Brand: National Starch Food Innovation (continued)			
• EMULSTAR 1 <i>Approved when produced in Thailand.</i>	OUV2-E8F44D8	Pareve	Symbol not required.
• FILMKOTE 370 <i>Approved when produced in Thailand.</i>	OUV2-0824C76	Pareve	Symbol not required.
• FLOJEL 60 <i>Approved when produced in Thailand.</i>	OUV2-FB17994	Pareve	Symbol not required.
• FLOJEL 65 <i>Approved when produced in Thailand.</i>	OUV2-041C7AC	Pareve	Symbol not required.
• FLO-MAX ® 8 <i>Approved when produced in Thailand.</i>	OUV2-DA90D06	Pareve	Symbol not required.
• FLO-MAX ® 8 (BLEND) <i>Approved when produced in Thailand</i>	OUV2-CC04481	Pareve	Symbol not required.

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Product Name	UKD-ID	Status	Certification Requirements
Brand: National Starch Food Innovation (continued)			
• FLO-MAX ® 8 SC <i>Approved when produced in Thailand.</i>	OUV2-87EC146	Pareve	Symbol not required.
• FLO-MAX ® K <i>Approved when produced in Thailand</i>	OUV2-7290710	Pareve	Symbol not required.
• FLO-MAX 2115 <i>Approved when produced in Thailand.</i>	OUV2-70A583F	Pareve	Symbol not required.
• FOOD STARCH S (T) <i>Approved when produced in Thailand.</i>	OUV2-1DEBFB8	Pareve	Symbol not required.
• FOODSTARCH TR <i>Approved when produced in Thailand.</i>	OUV2-B67CA0A	Pareve	Symbol not required.
• FOODSTARCH W <i>Approved when produced in Thailand.</i>	OUV2-0A4BD16	Pareve	Symbol not required.

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Product Name	UKD-ID	Status	Certification Requirements
Brand: National Starch Food Innovation (continued)			
• FRIGEX W <i>Approved When Produced In Thailand</i>	OUV2-25A7413	Pareve	Symbol not required.
• H-50 <i>Approved when produced in Thailand.</i>	OUV2-F56DAEE	Pareve	Symbol not required.
• H-50 BN <i>Approved when produced in Thailand</i>	OUV2-899D5C7	Pareve	Symbol not required.
• H-50 K <i>Approved when produced in Thailand</i>	OUV2-B5147B0	Pareve	Symbol not required.
• HIDSCAT 08 <i>Product Of Thailand</i>	OUV2-5777359	Pareve	Symbol not required.
• HI-MAIZE(TM) 260N <i>Approved when produced in Thailand</i>	OUV2-34D9517	Pareve	Symbol not required.

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Product Name	UKD-ID	Status	Certification Requirements
Brand: National Starch Food Innovation (continued)			
• HOMECRAFT CREATE 835 <i>Approved when produced in Thailand.</i>	OUV2-3F8D805	Pareve	Symbol not required.
• HOMECRAFT CREATE 865 <i>Approved when produced in Thailand.</i>	OUV2-CB68732	Pareve	Symbol not required.
• HOMECRAFT® Express 390 <i>Approved when produced in Thailand</i>	OUV2-4E9CD92	Pareve	Symbol not required.
• IF 131 <i>Approved when produced in Thailand.</i>	OUV2-F40E5FD	Pareve	Symbol not required.
• IF 131 T <i>Approved when produced in Thailand.</i>	OUV2-287E6D4	Pareve	Symbol not required.
• IF 131K <i>Approved when produced in Thailand.</i>	OUV2-0E77551	Pareve	Symbol not required.

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Brand: National Starch Food Innovation (continued)			
<ul style="list-style-type: none"> • IF 909 <i>Approved when produced in Thailand.</i> 	OUV2-E4677FD	Pareve	Symbol not required.
<ul style="list-style-type: none"> • INSTANT PURE-FLO® <i>Approved when produced in Thailand</i> 	OUV2-3E466A7	Pareve	Symbol not required.
<ul style="list-style-type: none"> • INSTANT PURE-FLO® F <i>Approved when produced in Thailand.</i> 	OUV2-D76FC5F	Pareve	Symbol not required.
<ul style="list-style-type: none"> • INSTANT TEXTAID® A <i>Approved when produced in Thailand.</i> 	OUV2-F1A8E5A	Pareve	Symbol not required.
<ul style="list-style-type: none"> • KMU-2 <i>Approved when produced in Thailand</i> 	OUV2-1241B77	Pareve	Symbol not required.
<ul style="list-style-type: none"> • KS-1 <i>Approved When Produced In Thailand</i> 	OUV2-3FEDD1E	Pareve	Symbol not required.

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Product Name	UKD-ID	Status	Certification Requirements
Brand: National Starch Food Innovation (continued)			
• KS-2 <i>Approved when produced in Thailand.</i>	OUV2-F47602E	Pareve	Symbol not required.
• LOW MOISTURE TAPIOCA STARCH <i>Approved when produced in Thailand</i>	OUV2-FB56D8D	Pareve	Symbol not required.
• MAT 1 <i>Approved when produced in Thailand.</i>	OUV2-29B47CB	Pareve	Symbol not required.
• MAT 2 <i>Approved when produced in Thailand.</i>	OUV2-FF5D47F	Pareve	Symbol not required.
• MAT 3 <i>Approved when produced in Thailand.</i>	OUV2-7229C0A	Pareve	Symbol not required.
• MAT 49HPO <i>Approved when produced in Thailand.</i>	OUV2-317655A	Pareve	Symbol not required.

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Product Name	UKD-ID	Status	Certification Requirements
Brand: National Starch Food Innovation (continued)			
<ul style="list-style-type: none"> MATSUTANI KINMOKUSEI <i>Approved when produced in Thailand.</i> 	OUV2-009ED7B	Pareve	Symbol not required.
<ul style="list-style-type: none"> MATSUTANI SAKURA <i>Approved when produce in Thailand.</i> 	OUV2-F3E3D87	Pareve	Symbol not required.
<ul style="list-style-type: none"> MATSUTANI Satsuki 2 <i>Approved when produced in Thailand.</i> 	OUV2-2DF2B05	Pareve	Symbol not required.
<ul style="list-style-type: none"> MATSUTANI YK-2 <i>Approved when produced in Thailand.</i> 	OUV2-563E4BB	Pareve	Symbol not required.
<ul style="list-style-type: none"> MAZACA 3544X <i>Approved when produced in Thailand.</i> 	OUV2-DFF42BF	Pareve	Symbol not required.
<ul style="list-style-type: none"> Melojel(TH) <i>Certified when produced in Thailand</i> 	OUV2-3CA9EDA	Pareve	Symbol not required.

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Rabbi Menachem Genack, *Rabbinic Administrator, CEO*

This certification is valid through 12/31/2020



ORTHODOX UNION

LETTER OF KOSHER CERTIFICATION

נס"ד

UNION OF ORTHODOX JEWISH CONGREGATIONS OF AMERICA איחוד קהילות האורתודוקסים באמריקה
 ELEVEN BROADWAY / NEW YORK, NY 10004 / 212-613-8241 / KOSHERLETTER@OU.ORG / OUKOSHER.ORG

January 01, 2020

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Product Name	UKD-ID	Status	Certification Requirements
Brand: National Starch Food Innovation (continued)			
• NATIONAL 0280 <i>Approved when produced in Thailand.</i>	OUV2-332E5AB	Pareve	Symbol not required.
• NATIONAL 104 <i>Approved when produced in Thailand.</i>	OUV2-F91C1BC	Pareve	Symbol not required.
• National 107 <i>Approved when produced in Thailand.</i>	OUV2-ECAC642	Pareve	Symbol not required.
• NATIONAL 108 <i>Approved when produced in Thailand.</i>	OUV2-8AE6348	Pareve	Symbol not required.
• NATIONAL 1333 <i>Approved when produced in Thailand.</i>	OUV2-37DC071	Pareve	Symbol not required.
• NATIONAL 138 <i>Approved when produced in Thailand</i>	OUV2-C12BD52	Pareve	Symbol not required.

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Rabbi Menachem Genack, *Rabbinic Administrator, CEO*

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Product Name	UKD-ID	Status	Certification Requirements
Brand: National Starch Food Innovation (continued)			
• NATIONAL 1457 <i>Approved when produced in Thailand</i>	OUV2-BD9DEF9	Pareve	Symbol not required.
• National 1658 <i>Approved when produced in Thailand</i>	OUV2-935FBA7	Pareve	Symbol not required.
• NATIONAL 208 <i>Approved when produced in Thailand.</i>	OUV2-1ECCE0F	Pareve	Symbol not required.
• NATIONAL 2458 <i>Approved when produced in Thailand.</i>	OUV2-E2882E5	Pareve	Symbol not required.
• NATIONAL 298 FG <i>Approved when produced in Thailand.</i>	OUV2-2652A42	Pareve	Symbol not required.
• NATIONAL 494102 <i>Approved when produced in Thailand</i>	OUV2-4D1A3F8	Pareve	Symbol not required.

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Product Name	UKD-ID	Status	Certification Requirements
Brand: National Starch Food Innovation (continued)			
• National 50-5490 <i>Approved when produced in Thailand</i>	OUV2-7ADA1BA	Pareve	Symbol not required.
• NATIONAL 50-5739 <i>Approved when produced in Thailand.</i>	OUV2-3B3026D	Pareve	Symbol not required.
• NATIONAL 522185 <i>Approved when produced in Thailand.</i>	OUV2-3F676C3	Pareve	Symbol not required.
• NATIONAL 522186 <i>Approved when produced in Thailand.</i>	OUV2-8729AB4	Pareve	Symbol not required.
• NATIONAL 522188 <i>Approved When Produced In Thailand</i>	OUV2-F9CB09E	Pareve	Symbol not required.
• NATIONAL 5730 <i>Approved when produced in Thailand.</i>	OUV2-86347AD	Pareve	Symbol not required.

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Product Name	UKD-ID	Status	Certification Requirements
Brand: National Starch Food Innovation (continued)			
• NATIONAL 57-8107 <i>Approved when produced in Thailand.</i>	OUV2-34BCD06	Pareve	Symbol not required.
• NATIONAL 636 HV <i>Approved when produced in Thailand.</i>	OUV2-FE26471	Pareve	Symbol not required.
• NATIONAL 687 <i>Approved when produced in Thailand.</i>	OUV2-0EC98CB	Pareve	Symbol not required.
• NATIONAL 7 <i>Approved when produced in Thailand.</i>	OUV2-4E434D7	Pareve	Symbol not required.
• NATIONAL 75 <i>Approved when produced in Thailand.</i>	OUV2-F5E37E8	Pareve	Symbol not required.
• NATIONAL 78-0148 <i>"Approved When Produced in Thailand"</i>	OUV2-39FCF08	Pareve	Symbol not required.

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Brand: National Starch Food Innovation (continued)			
• NATIONAL 78-0148 K <i>Approved when produced in Thailand</i>	OUV2-6336F6E	Pareve	Symbol not required.
• NATIONAL 78-0226 <i>Approved when produced in Thailand.</i>	OUV2-8CCF649	Pareve	Symbol not required.
• NATIONAL 78-0510 <i>Approved when produced in Thailand.</i>	OUV2-224D127	Pareve	Symbol not required.
• NATIONAL 78-0510K <i>Approved when produced in Thailand.</i>	OUV2-C7DDB43	Pareve	Symbol not required.
• NATIONAL 78-0575 <i>Approved when produced in Thailand.</i>	OUV2-4C8C028	Pareve	Symbol not required.
• National 78-0575K <i>Approved when produced in Thailand.</i>	OUV2-8425B9F	Pareve	Symbol not required.

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Brand: National Starch Food Innovation (continued)			
• NATIONAL 78-0720 <i>Approved when produced in Thailand.</i>	OUV2-570C9A9	Pareve	Symbol not required.
• NATIONAL 78-1551 <i>Approved when produced in Thailand.</i>	OUV2-700CE7B	Pareve	Symbol not required.
• NATIONAL 8 <i>Approved when produced in Thailand.</i>	OUV2-3AD7E33	Pareve	Symbol not required.
• NATIONAL 8055 <i>Approved when produced in Thailand.</i>	OUV2-7A3FBB0	Pareve	Symbol not required.
• National 838 <i>Approved When Produced In Thailand</i>	OUV2-36E8682	Pareve	Symbol not required.
• NATIONAL 8991 <i>Approved for the product of Thailand.</i>	OUV2-BF9F0EB	Pareve	Symbol not required.

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Brand: National Starch Food Innovation (continued)			
• NATIONAL 89ER <i>Approved when produced in Thailand</i>	OUV2-4F1D7F4	Pareve	Symbol not required.
• NATIONAL 9025 <i>Approved when produced in Thailand.</i>	OUV2-427A5B2	Pareve	Symbol not required.
• NATIONAL 9988 <i>Approved when produced in Thailand.</i>	OUV2-038E11E	Pareve	Symbol not required.
• NATIONAL BR <i>Approved when produced in Thailand.</i>	OUV2-33D3F98	Pareve	Symbol not required.
• NATIONAL ELASTITEX <i>Approved When Produced In Thailand</i>	OUV2-55F678E	Pareve	Symbol not required.
• NATIONAL FRIGEX ® <i>Approved when produced in Thailand.</i>	OUV2-5DF84F8	Pareve	Symbol not required.

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Product Name	UKD-ID	Status	Certification Requirements
Brand: National Starch Food Innovation (continued)			
• NATIONAL FRIGEX ® CL <i>Approved when produced in Thailand.</i>	OUV2-E50D2A1	Pareve	Symbol not required.
• NATIONAL FRIGEX ® HV <i>Approved when produced in Thailand.</i>	OUV2-B332FA3	Pareve	Symbol not required.
• National Frigex® HV KP <i>Approved when produced in Thailand</i>	OUV2-153E51F	Pareve	Symbol not required.
• National Frigex® KP <i>Approved when produced in Thailand</i>	OUV2-E186E89	Pareve	Symbol not required.
• NATIONAL I <i>Approved when produced in Thailand.</i>	OUV2-A410849	Pareve	Symbol not required.
• NATIONAL IH <i>Approved when produced in Thailand.</i>	OUV2-53E6D71	Pareve	Symbol not required.

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Product Name	UKD-ID	Status	Certification Requirements
Brand: National Starch Food Innovation (continued)			
• NATIONAL MPT <i>Approved When Produced In Thailand</i>	OUV2-8FC3B9B	Pareve	Symbol not required.
• NATIONAL SP <i>Approved when produced in Thailand.</i>	OUV2-90362D4	Pareve	Symbol not required.
• NATIONAL T37 <i>Approved when produced in Thailand.</i>	OUV2-93CFAEF	Pareve	Symbol not required.
• NATIVACARE 8600 <i>Approved when produced in Thailand.</i>	OUV2-F5FBC9B	Pareve	Symbol not required.
• N-CREAMER 110 <i>Approved when produced in Thailand</i>	OUV2-C5454F9	Pareve	Symbol not required.
• N-CREAMER 115 <i>Approved when produced in Thailand</i>	OUV2-FF8D888	Pareve	Symbol not required.

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Product Name	UKD-ID	Status	Certification Requirements
Brand: National Starch Food Innovation (continued)			
• N-CREAMER 221 <i>Approved when produced in Thailand.</i>	OUV2-08BD3EC	Pareve	Symbol not required.
• N-CREAMER 221 <i>Product of Thailand.</i>	OUV2-DD62CF3	Pareve	Symbol not required.
• N-CREAMER 2323 <i>Approved when produced in Thailand.</i>	OUV2-60B16F9	Pareve	Symbol not required.
• N-CREAMER 3334 <i>Approved when produced in Thailand.</i>	OUV2-8DE0CB9	Pareve	Symbol not required.
• N-DULGE 1200 <i>Approved when produced in Thailand</i>	OUV2-3912DAE	Pareve	Symbol not required.
• N-DULGE 318 <i>Approved When Produced In Thailand</i>	OUV2-5A2D470	Pareve	Symbol not required.

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Product Name	UKD-ID	Status	Certification Requirements
Brand: National Starch Food Innovation (continued)			
• N-DULGE 320 <i>Approved when produced in Thailand.</i>	OUV2-FBC2C4F	Pareve	Symbol not required.
• N-DULGE 333 <i>Approved when produced in Thailand.</i>	OUV2-B3D9B07	Pareve	Symbol not required.
• N-DULGE 900 <i>Approved When Produced In Thailand</i>	OUV2-6FBE86E	Pareve	Symbol not required.
• N-DULGE C1 <i>Approved when produced in Thailand & 3rd. character in lot code is S.</i>	OUV2-30518F3	Pareve	Symbol not required.
• N-DULGE FR <i>Approved when produced in Thailand.</i>	OUV2-C823C49	Pareve	Symbol not required.
• N-DULGE[TM] 312 <i>Approved when produced in Thailand</i>	OUV2-4D58203	Pareve	Symbol not required.

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Product Name	UKD-ID	Status	Certification Requirements
Brand: National Starch Food Innovation (continued)			
• N-DULGE® 316 <i>Approved when produced in Thailand</i>	OUV2-94EA9F5	Pareve	Symbol not required.
• N-DULGE® 319 <i>Approved when produced in Thailand.</i>	OUV2-8DFCA80	Pareve	Symbol not required.
• N-DULGE® 811 <i>Approved when produced in Thailand.</i>	OUV2-C0C4ED4	Pareve	Symbol not required.
• N-DULGE® C1 <i>Approved when produced in Thailand.</i>	OUV2-3F6D91D	Pareve	Symbol not required.
• N-DULGE® SC1 <i>Approved when produced in Thailand</i>	OUV2-5462A07	Pareve	Symbol not required.
• NEOVIS C10 <i>Approved when produced in Thailand.</i>	OUV2-EAD3C72	Pareve	Symbol not required.

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Product Name	UKD-ID	Status	Certification Requirements
Brand: National Starch Food Innovation (continued)			
• NEOVIS C6 <i>Approved when produced in Thailand</i>	OUV2-2NCLDL4	Pareve	Symbol not required.
• N-HANCE 80 <i>Approved when produced in Thailand.</i>	OUV2-09E289B	Pareve	Symbol not required.
• N-LITE ® CL <i>Approved when produced in Thailand.</i>	OUV2-BDF0904	Pareve	Symbol not required.
• NM 202 <i>Approved when produced in Thailand</i>	OUV2-1B3F0BA	Pareve	Symbol not required.
• NOOMAT 11 <i>Approved when produced in Thailand.</i>	OUV2-A9F6908	Pareve	Symbol not required.
• NOOMAT 5 <i>Approved when produced in Thailand.</i>	OUV2-991E547	Pareve	Symbol not required.

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Product Name	UKD-ID	Status	Certification Requirements
Brand: National Starch Food Innovation (continued)			
• NOVATION ® 8600 <i>Approved When Produced In Thailand</i>	OUV2-AF2967C	Pareve	Symbol not required.
• NOVATION ® INDULGE 2350 <i>Approved when produced in Thailand</i>	OUV2-5247B8F	Pareve	Symbol not required.
• NOVATION ® PRIMA 300K <i>Approved when produced in Thailand</i>	OUV2-A8E1352	Pareve	Symbol not required.
• NOVATION 2300K <i>Approved when produced in Thailand</i>	OUV2-14F1C5E	Pareve	Symbol not required.
• NOVATION 3600 <i>Approved when produced in Thailand.</i>	OUV2-46D9B12	Pareve	Symbol not required.
• NOVATION ENDURA 3100 <i>Approved when produced in Thailand.</i>	OUV2-8B8AB42	Pareve	Symbol not required.

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Product Name	UKD-ID	Status	Certification Requirements
Brand: National Starch Food Innovation (continued)			
• NOVATION INDULGE 3350 <i>Approved when produced in Thailand.</i>	OUV2-073B7F1	Pareve	Symbol not required.
• NOVATION INDULGE 3620 <i>Approved when produced in Thailand.</i>	OUV2-BEAF09C	Pareve	Symbol not required.
• NOVATION® 8300 <i>Approved when produced in Thailand</i>	OUV2-BBB16CB	Pareve	Symbol not required.
• NOVATION® Indulge 2450 <i>Approved When Produced In Thailand</i>	OUV2-0E346C6	Pareve	Symbol not required.
• NOVATION® INDULGE 3820 <i>Approved when produced in Thailand.</i>	OUV2-5F07566	Pareve	Symbol not required.
• NOVELOSE 3490 <i>Approved when produced in Thailand</i>	OUV2-CEA9F2C	Pareve	Symbol not required.

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Product Name	UKD-ID	Status	Certification Requirements
Brand: National Starch Food Innovation (continued)			
• NOVELOSE 8490 <i>Approved when produced in Thailand.</i>	OUV2-F606208	Pareve	Symbol not required.
• OPTIPRO 830CP <i>Approved when produced in Thailand. Approved only for non-food use.</i>	OUV2-650EFAF	Pareve	Symbol not required.
• PCTH 2001 INT <i>Approved only when produced in Thailand</i>	OUV2-AA7B346	Pareve	Symbol not required.
• PENPURE 37 <i>Approved when produced in Thailand.</i>	OUV2-29FCBFA	Pareve	Symbol not required.
• pH adj HOMECRAFT CREATE 895 <i>Approved when produced in Thailand.</i>	OUV2-EF4723A	Pareve	Symbol not required.
• PINE SOFT 202 <i>Approved when produced in Thailand</i>	OUV2-DC2736E	Pareve	Symbol not required.

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UNION OF ORTHODOX JEWISH CONGREGATIONS OF AMERICA איחוד קהילות האורתודוקסים באמריקה
 ELEVEN BROADWAY / NEW YORK, NY 10004 / 212-613-8241 / KOSHERLETTER@OU.ORG / OUKOSHER.ORG

January 01, 2020

This is to certify that the following product(s) prepared by this plant are under the supervision of the Kashrus Division of the Orthodox Union and are kosher as indicated below.

Product Name	UKD-ID	Status	Certification Requirements
Brand: National Starch Food Innovation (continued)			
• PINEACE 5 <i>Approved when produced in Thailand</i>	OUV2-6JUVHRB	Pareve	Symbol not required.
• Powdered Dusting Corn Starch <i>Approved when produced in Thailand.</i>	OUV2-DF599BE	Pareve	Symbol not required.
• PRECISA [TM] GEL 03 <i>Approved when produced in Thailand</i>	OUV2-02BB075	Pareve	Symbol not required.
• PRECISA 51 <i>Approved when produced in Thailand.</i>	OUV2-5D61757	Pareve	Symbol not required.
• PRECISA 600 <i>Approved when produced in Thailand.</i>	OUV2-693B0CE	Pareve	Symbol not required.
• PRECISA 601 <i>Approved when produced in Thailand.</i>	OUV2-04D9ECA	Pareve	Symbol not required.

Use of the OU trademark must comply with the terms set forth in a written agreement with the Orthodox Union. Any other use of the OU trademark is not authorized.

Rabbi Menachem Genack, *Rabbinic Administrator, CEO*

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Product Name	UKD-ID	Status	Certification Requirements
Brand: National Starch Food Innovation (continued)			
• PRECISA 602 <i>Approved when produced in Thailand.</i>	OUV2-76E254C	Pareve	Symbol not required.
• PRECISA 630S <i>Approved when produced in Thailand.</i>	OUV2-D93E1E6	Pareve	Symbol not required.
• PRECISA 655 S <i>Approved when produced in Thailand.</i>	OUV2-B8BC423	Pareve	Symbol not required.
• PRECISA BAKE GF 30 <i>Approved when produced in Thailand.</i>	OUV2-071AF6A	Pareve	Symbol not required.
• PRECISA BAKE GF 60 <i>Approved when produced in Thailand.</i>	OUV2-WXWLHCS	Pareve	Symbol not required.
• PRECISA BAKE GF 61 <i>Approved when produced in Thailand.</i>	OUV2-1V6HGPP	Pareve	Symbol not required.

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Product Name	UKD-ID	Status	Certification Requirements
Brand: National Starch Food Innovation (continued)			
• PRECISA Cling 39S <i>Approved when produced in Thailand.</i>	OUV2-9C174EB	Pareve	Symbol not required.
• PRECISA Cream 7310 <i>Approved when produced in Thailand.</i>	OUV2-BDA7E15	Pareve	Symbol not required.
• PRECISA CRISP 150	OUV2-F7617E3	Pareve	Symbol not required.
• PRECISA CRISP 151	OUV2-8AED938	Pareve	Symbol not required.
• PRECISA CRISP 330	OUV2-0B3D528	Pareve	Symbol not required.
• PRECISA CRISP 39 <i>Approved when produced in Thailand.</i>	OUV2-57813E1	Pareve	Symbol not required.
• PRECISA CRISP 930	OUV2-C86AC65	Pareve	Symbol not required.
• Precisa Gel [TM] 04 <i>Approved when produced in Thailand.</i>	OUV2-5B114F3	Pareve	Symbol not required.

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Product Name	UKD-ID	Status	Certification Requirements
Brand: National Starch Food Innovation (continued)			
<ul style="list-style-type: none"> PRECISA® PULP 02 <i>Approved when produced in Thailand</i> 	OUV2-E2DF775	Pareve	Symbol not required.
<ul style="list-style-type: none"> PREGELATINIZED RICE STARCH <i>Approved when produced in Thailand.</i> 	OUV2-A7C4B5B	Pareve	Symbol not required.
<ul style="list-style-type: none"> PREGELATINIZED WAXY CORN STARCH HV-K <i>Approved when produced in Thailand.</i> 	OUV2-B72E607	Pareve	Symbol not required.
<ul style="list-style-type: none"> Preparation Yugao (T) <i>Approved when produced in Thailand</i> 	OUV2-49AE249	Pareve	Symbol not required.
<ul style="list-style-type: none"> PROBASE <i>Approved when produced in Thailand.</i> 	OUV2-D62A61D	Pareve	Symbol not required.

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Product Name	UKD-ID	Status	Certification Requirements
Brand: National Starch Food Innovation (continued)			
• PURITY® MAC <i>Approved when produced in Thailand.</i>	OUV2-1081BE7	Pareve	Symbol not required.
• PURITY® MAC <i>Approved when produced in Thailand.</i>	OUV2-334A636	Pareve	Symbol not required.
• PURITY 24 <i>Approved when produced in Thailand.</i>	OUV2-0A5813A	Pareve	Symbol not required.
• PURITY Alpha 805 <i>Approved when produced in Thailand.</i>	OUV2-15A83BC	Pareve	Symbol not required.
• PURITY Alpha 806 <i>Approved when produced in Thailand.</i>	OUV2-3E3F7A7	Pareve	Symbol not required.
• PURITY Alpha 865 <i>Approved when produced in Thailand.</i>	OUV2-798399A	Pareve	Symbol not required.

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Product Name	UKD-ID	Status	Certification Requirements
Brand: National Starch Food Innovation (continued)			
• PURITY BAKE <i>Approved when produced in Thailand.</i>	OUV2-F2A2F31	Pareve	Symbol not required.
• PURITY SM110 <i>Approved when produced in Thailand</i>	OUV2-0146B63	Pareve	Symbol not required.
• PURITY SR <i>Approved when produced in Thailand</i>	OUV2-4B0BB94	Pareve	Symbol not required.
• PURITY® 1 <i>Approved when produced in Thailand.</i>	OUV2-E5BD0E8	Pareve	Symbol not required.
• PURITY® 11 <i>Approved when produced in Thailand.</i>	OUV2-D2A0E7A	Pareve	Symbol not required.
• PURITY® 21A <i>Approved when produced in Thailand.</i>	OUV2-6F51378	Pareve	Symbol not required.

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Brand: National Starch Food Innovation (continued)			
<ul style="list-style-type: none"> PURITY® 21T <i>Approved when produced in Thailand.</i> 	OUV2-C051B64	Pareve	Symbol not required.
<ul style="list-style-type: none"> PURITY® 366 <i>Approved when produced in Thailand.</i> 	OUV2-F46B5EE	Pareve	Symbol not required.
<ul style="list-style-type: none"> PURITY® 4 <i>Approved when produced in Thailand</i> 	OUV2-CF5C607	Pareve	Symbol not required.
<ul style="list-style-type: none"> PURITY® 660 <i>Approved when produced in Thailand</i> 	OUV2-AB70856	Pareve	Symbol not required.
<ul style="list-style-type: none"> PURITY® 69 <i>Approved when produced in Thailand.</i> 	OUV2-C02CA23	Pareve	Symbol not required.
<ul style="list-style-type: none"> PURITY® 690 FG <i>Approved when produced in Thailand.</i> 	OUV2-3BC1762	Pareve	Symbol not required.

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Brand: National Starch Food Innovation (continued)			
<ul style="list-style-type: none"> PURITY® 77 <i>Approved when produced in Thailand.</i> 	OUV2-7703BCC	Pareve	Symbol not required.
<ul style="list-style-type: none"> PURITY® 77 HV <i>Approved when produced in Thailand.</i> 	OUV2-9AD4C46	Pareve	Symbol not required.
<ul style="list-style-type: none"> PURITY® 830 <i>Approved when produced in Thailand</i> 	OUV2-071C4B8	Pareve	Symbol not required.
<ul style="list-style-type: none"> PURITY® 87 <i>Approved when produced in Thailand.</i> 	OUV2-6B94467	Pareve	Symbol not required.
<ul style="list-style-type: none"> PURITY® 87 KP <i>Approved when produced in Thailand.</i> 	OUV2-CFE4E16	Pareve	Symbol not required.
<ul style="list-style-type: none"> PURITY® 87K <i>Approved when produced in Thailand</i> 	OUV2-7A947BA	Pareve	Symbol not required.

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Brand: National Starch Food Innovation (continued)			
<ul style="list-style-type: none"> PURITY® 90 <i>Approved when produced in Thailand.</i> 	OUV2-DE1D078	Pareve	Symbol not required.
<ul style="list-style-type: none"> PURITY® 92 <i>Approved when produced in Thailand.</i> 	OUV2-7602CA3	Pareve	Symbol not required.
<ul style="list-style-type: none"> PURITY® D <i>Approved when produced in Thailand.</i> 	OUV2-DA3F82C	Pareve	Symbol not required.
<ul style="list-style-type: none"> PURITY® DA <i>Approved when produced in Thailand.</i> 	OUV2-73C00E8	Pareve	Symbol not required.
<ul style="list-style-type: none"> PURITY® DAA <i>Approved when produced in Thailand.</i> 	OUV2-F5B0985	Pareve	Symbol not required.
<ul style="list-style-type: none"> PURITY® GUM 40 <i>Approved when produced in Thailand.</i> 	OUV2-FF28073	Pareve	Symbol not required.

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Product Name	UKD-ID	Status	Certification Requirements
Brand: National Starch Food Innovation (continued)			
<ul style="list-style-type: none"> PURITY® GUM 8 <i>Approved when produced in Thailand.</i> 	OUV2-3B1F2CD	Pareve	Symbol not required.
<ul style="list-style-type: none"> PURITY® LFS <i>Approved when produced in Thailand.</i> 	OUV2-0095D1A	Pareve	Symbol not required.
<ul style="list-style-type: none"> PURITY® LMT <i>Approved when produced in Thailand.</i> 	OUV2-67D3578	Pareve	Symbol not required.
<ul style="list-style-type: none"> PURITY® SUV <i>Approved when produced in Thailand.</i> 	OUV2-005BCDE	Pareve	Symbol not required.
<ul style="list-style-type: none"> PURITY®-K <i>Approved when produced in Thailand</i> 	OUV2-3E418D9	Pareve	Symbol not required.
<ul style="list-style-type: none"> QUIK Tex 3331 <i>Approved when produced in Thailand.</i> 	OUV2-8CB6532	Pareve	Symbol not required.

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Product Name	UKD-ID	Status	Certification Requirements
Brand: National Starch Food Innovation (continued)			
• QUIK Tex 3661 <i>Approved when produced in Thailand.</i>	OUV2-C2C6452	Pareve	Symbol not required.
• QUIK Tex 3771 <i>Approved when produced in Thailand.</i>	OUV2-AA8C5E9	Pareve	Symbol not required.
• QUIK-SPERSE <i>Approved when produced in Thailand.</i>	OUV2-183478A	Pareve	Symbol not required.
• QUIK-SPERSE HV <i>Approved When Produced In Thailand</i>	OUV2-8474784	Pareve	Symbol not required.
• SA-1 <i>Approved when produced in Thailand</i>	OUV2-84A6FE9	Pareve	Symbol not required.
• SA-2 <i>Approved when produced in Thailand</i>	OUV2-2211DA4	Pareve	Symbol not required.

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Product Name	UKD-ID	Status	Certification Requirements
Brand: National Starch Food Innovation (continued)			
• SH-2A <i>Approved when produced in Thailand.</i>	OUV2-725772B	Pareve	Symbol not required.
• SH-3A <i>Approved when produced in Thailand</i>	OUV2-PQNLJJK	Pareve	Symbol not required.
• SIAB <i>Approved When Produced In Thailand</i>	OUV2-FF0F6A2	Pareve	Symbol not required.
• SIAB L <i>Approved When Produced In Thailand</i>	OUV2-EBCF406	Pareve	Symbol not required.
• SIMPLISTICA DY7210 <i>Approved when produced in Thailand.</i>	OUV2-E844718	Pareve	Symbol not required.
• STIR-N-SET [TM] FG <i>Approved when produced in Thailand.</i>	OUV2-4F4FA40	Pareve	Symbol not required.

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Product Name	UKD-ID	Status	Certification Requirements
Brand: National Starch Food Innovation (continued)			
• SUPER PURITY® 1 <i>Approved when produced in Thailand.</i>	OUV2-97A0012	Pareve	Symbol not required.
• SURE-TEX 88 <i>Approved when produced in Thailand.</i>	OUV2-A493B49	Pareve	Symbol not required.
• TAPIOCA IMF <i>Approved when produced in Thailand</i>	OUV2-01B4772	Pareve	Symbol not required.
• TAPIOCA STARCH <i>Approved when produced in Thailand.</i>	OUV2-B43DD3A	Pareve	Symbol not required.
• TAPIOCA STARCH 52-2018 <i>Approved when produced in Thailand</i>	OUV2-SKYEX3Q	Pareve	Symbol not required.
• TAPIOCA STARCH 52-2027 <i>Approved when produced in Thailand</i>	OUV2-ITQWMGT	Pareve	Symbol not required.

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Product Name	UKD-ID	Status	Certification Requirements
Brand: National Starch Food Innovation (continued)			
• TEFLO [TM] 3970 <i>Approved when produced in Thailand.</i>	OUV2-DF258B8	Pareve	Symbol not required.
• TEFLO 339 <i>Approved when produced in Thailand.</i>	OUV2-92B6D52	Pareve	Symbol not required.
• TEFLO 3630 <i>Approved when produced in Thailand.</i>	OUV2-DCB47CE	Pareve	Symbol not required.
• TEFLO™ 3660 <i>Approved When Produced In Thailand</i>	OUV2-A29C619	Pareve	Symbol not required.
• TEXTAID A <i>Approved when produced in Thailand.</i>	OUV2-CEFC397	Pareve	Symbol not required.
• TEXTAID® A FP <i>Approved when produced in Thailand</i>	OUV2-082B0E0	Pareve	Symbol not required.

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Product Name	UKD-ID	Status	Certification Requirements
Brand: National Starch Food Innovation (continued)			
• TEXTAID® P <i>Approved when produced in Thailand</i>	OUV2-04A9846	Pareve	Symbol not required.
• EXTRA® <i>Approved when produced in Thailand.</i>	OUV2-F710293	Pareve	Symbol not required.
• THERMFLO® 2130 <i>Approved when produced in Thailand</i>	OUV2-FEC1987	Pareve	Symbol not required.
• THERMSHEAR <i>Approved when produced in Thailand.</i>	OUV2-DC769BA	Pareve	Symbol not required.
• THICKFLO 3330 <i>Approved when produced in Thailand.</i>	OUV2-38D3E5F	Pareve	Symbol not required.
• THICK-FLO K <i>Approved when produced in Thailand</i>	OUV2-28F7A60	Pareve	Symbol not required.

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Product Name	UKD-ID	Status	Certification Requirements
Brand: National Starch Food Innovation (continued)			
• TKS <i>Approved when produced in Thailand.</i>	OUV2-9E526AE	Pareve	Symbol not required.
• TOBACOLL I <i>Approved when produced in Thailand.</i>	OUV2-937A655	Pareve	Symbol not required.
• TPS 40 S <i>Approved when produced in Thailand.</i>	OUV2-0C5DA87	Pareve	Symbol not required.
• TPS-6 <i>Approved when produced in Thailand.</i>	OUV2-1773A99	Pareve	Symbol not required.
• UNI-PURE WG220 <i>Approved when produced in Thailand.</i>	OUV2-49416FD	Pareve	Symbol not required.
• UNI-PURE® T 830 <i>Approved when produced in Thailand.</i>	OUV2-C0414A9	Pareve	Symbol not required.

Use of the OU trademark must comply with the terms set forth in a written agreement with the Orthodox Union. Any other use of the OU trademark is not authorized.

Rabbi Menachem Genack, *Rabbinic Administrator, CEO*

This certification is valid through 12/31/2020

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ORTHODOX UNION

LETTER OF KOSHER CERTIFICATION

נס"ד

UNION OF ORTHODOX JEWISH CONGREGATIONS OF AMERICA איחוד קהילות האורתודוקסים באמריקה
 ELEVEN BROADWAY / NEW YORK, NY 10004 / 212-613-8241 / KOSHERLETTER@OU.ORG / OUKOSHER.ORG

January 01, 2020

This is to certify that the following product(s) prepared by this plant are under the supervision of the Kashrus Division of the Orthodox Union and are kosher as indicated below.

Product Name	UKD-ID	Status	Certification Requirements
Brand: National Starch Food Innovation (continued)			
<ul style="list-style-type: none"> • UPEC-AG <i>Approved When Produced In Thailand</i> 	OUV2-036FE30	Pareve	Symbol not required.
<ul style="list-style-type: none"> • VICTORY BRAND <i>Approved when produced in Thailand.</i> 	OUV2-C1C4FE9	Pareve	Symbol not required.
<ul style="list-style-type: none"> • VISY A <i>Approved when produced in Thailand.</i> 	OUV2-4B6112F	Pareve	Symbol not required.
<ul style="list-style-type: none"> • VULCA® 90 <i>Approved when produced in China & 3rd. character in lot code is S.</i> 	OUV2-8FAA54C	Pareve	Symbol not required.
<ul style="list-style-type: none"> • WELLNESS 001 <i>Approved when produced in Thailand.</i> 	OUV2-189ADBD	Pareve	Symbol not required.
<ul style="list-style-type: none"> • WMS <i>Approved when produced in Thailand.</i> 	OUV2-84E0E41	Pareve	Symbol not required.

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January 01, 2020

This is to certify that the following product(s) prepared by this plant are under the supervision of the Kashrus Division of the Orthodox Union and are kosher as indicated below.

Product Name	UKD-ID	Status	Certification Requirements
Brand: National Starch Food Innovation (continued)			
<ul style="list-style-type: none"> WMS(M) <i>Approved when produced in Thailand</i> 	OUV2-C74E38C	Pareve	Symbol not required.
<ul style="list-style-type: none"> YK2X <i>Approved when produced in Thailand</i> 	OUV2-78CD69E	Pareve	Symbol not required.
<ul style="list-style-type: none"> YK2X(M) <i>Approved when produced in Thailand</i> 	OUV2-A0E2927	Pareve	Symbol not required.

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Rabbi Menachem Genack, *Rabbinic Administrator, CEO*

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