



ORTHODOX UNION

LETTER OF KOSHER CERTIFICATION

בס"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 15, 2021

This is to certify that the following product(s) prepared by

INGREDION (THAILAND) CO., LTD., Bangna Tower C, 11th Floor, 40/14 Moo 12, Bangna-Trad Road, Bangkaew, Bangplee, Samutprakarn, 10540 THAI

at the following facilitie(s) are under the supervision of the Kashruth Division of the Orthodox Union and are kosher as indicated below.

Ingredion (Thailand) Co., Ltd. - Kalasin (KSN), 41 Moo 7, Teeranont Road, Najarn, Muang, Kalasin , THAILAND

Product / Brand	UKD-ID	Status	Certification Requirements
Base National 8991 <ul style="list-style-type: none">National Starch Food Innovation<i>Approved when produced in Thailand.</i>	OUV2-GC6ISQS	Pareve	Symbol not required.
BATTERBIND (R) S <ul style="list-style-type: none">National Starch Food Innovation<i>Approved when produced in Thailand.</i>	OUV2-43F994E	Pareve	Symbol not required.
BIND T <ul style="list-style-type: none">National Starch Food Innovation<i>Approved when produced in Thailand.</i>	OUV2-BC4E337	Pareve	Symbol not required.

BTS

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 / Brand	UKD-ID	Status	Certification Requirements
BTS (continued) <ul style="list-style-type: none">National Starch Food Innovation <i>Approved when produced in Thailand.</i>	OUV2-B11686E	Pareve	Symbol not required.
CAPSUL TA <ul style="list-style-type: none">National Starch Food Innovation <i>Approved when produced in Thailand.</i>	OUV2-8DF3612	Pareve	Symbol not required.
CORNBOY 281 CORNBOY 281 <ul style="list-style-type: none">National Starch Food Innovation <i>Approved when produced in Thailand.</i>	OUV2-DGWLVOU	Pareve	Symbol not required.
CORNBOY 306 <ul style="list-style-type: none">National Starch Food Innovation <i>Approved when produced in Thailand.</i>	OUV2-Y05LSFT	Pareve	Symbol not required.

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Product / Brand	UKD-ID	Status	Certification Requirements
CORNBOY 449 CORNBOY 449 <ul style="list-style-type: none">National Starch Food Innovation<i>Approved when produced in Thailand.</i>	OUV2-KTEJFEJ	Pareve	Symbol not required.
CRYSTAL SET 100 <ul style="list-style-type: none">National Starch Food Innovation<i>Approved when produced in Thailand.</i>	OUV2-FF1E74A	Pareve	Symbol not required.
CRYSTAL SET 300 <ul style="list-style-type: none">National Starch Food Innovation<i>Product of Thailand</i>	OUV2-10A2197	Pareve	Symbol not required.
CRYSTAL TEX 626 <ul style="list-style-type: none">National Starch Food Innovation<i>Approved when produced in Thailand.</i>	OUV2-48945AC	Pareve	Symbol not required.

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Product / Brand	UKD-ID	Status	Certification Requirements
CRYSTAL TEX 627 <ul style="list-style-type: none">National Starch Food Innovation<i>Approved when produced in Thailand.</i>	OUV2-4E55B3F	Pareve	Symbol not required.
CRYSTAL TEX 627M <ul style="list-style-type: none">National Starch Food Innovation<i>Approved when produced in Thailand.</i>	OUV2-72CFE79	Pareve	Symbol not required.
CRYSTAL TEX 648 <ul style="list-style-type: none">National Starch Food Innovation<i>Approved when produced in Thailand.</i>	OUV2-D9831D2	Pareve	Symbol not required.
CRYSTAL TEX LTF <ul style="list-style-type: none">National Starch Food Innovation<i>Approved when produced in Thailand.</i>	OUV2-D82FBA0	Pareve	Symbol not required.

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CRYSTAL TEX SMR <ul style="list-style-type: none">National Starch Food Innovation<i>Approved when produced in Thailand.</i>	OUV2-ATYJCDV	Pareve	Symbol not required.
CTR N3600 Intermediate <ul style="list-style-type: none">National Starch Food Innovation<i>Approved when produced in Thailand.</i>	OUV2-EF3F7FC	Pareve	Symbol not required.
ELASTIGEL 3000M <ul style="list-style-type: none">National Starch Food Innovation<i>Approved when produced in Thailand.</i>	OUV2-A16EF56	Pareve	Symbol not required.
ELASTITEX 1 <ul style="list-style-type: none">National Starch Food Innovation<i>Approved when produced in Thailand.</i>	OUV2-3533E63	Pareve	Symbol not required.

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Product / Brand	UKD-ID	Status	Certification Requirements
ELASTITEX 2 <ul style="list-style-type: none">National Starch Food Innovation<i>Approved when produced in Thailand.</i>	OUV2-6D0B35F	Pareve	Symbol not required.
FOOD STARCH 1184 FOOD STARCH 1184 <ul style="list-style-type: none">National Starch Food Innovation<i>Approved when produced in Thailand.</i>	OUV2-LPH0TMA	Pareve	Symbol not required.
FOOD STARCH KAZU FOOD STARCH KAZU <ul style="list-style-type: none">National Starch Food Innovation<i>Approved when produced in Thailand.</i>	OUV2-UCAAYS1	Pareve	Symbol not required.
HEMOCRAFT CREATE 315 <ul style="list-style-type: none">National Starch Food Innovation	OUV2-SACIBFM	Pareve	Symbol not required.

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HEMECRAFT CREATE 335 <ul style="list-style-type: none">National Starch Food Innovation<i>Approved when produced in Thailand.</i>	OUV2-6INH5TW	Pareve	Symbol not required.
HEMECRAFT CREATE 365 <ul style="list-style-type: none">National Starch Food Innovation<i>Approved when produced in Thailand.</i>	OUV2-GC1F36A	Pareve	Symbol not required.
HEMECRAFT Create 390 <ul style="list-style-type: none">National Starch Food Innovation<i>Approved when produced in Thailand</i>	OUV2-E41B096	Pareve	Symbol not required.
HEMECRAFT CREATE 835 - Intermediate <ul style="list-style-type: none">National Starch Food Innovation<i>Approved when produced in Thailand.</i>	OUV2-7VL21SM	Pareve	Symbol not required.

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HEMECRAFT CREATE 865 - Intermediate <ul style="list-style-type: none">National Starch Food Innovation<i>Approved when produced in Thailand.</i>	OUV2-H4ZDJFV	Pareve	Symbol not required.
HEMECRAFT® Create 330 <ul style="list-style-type: none">National Starch Food Innovation<i>Approved when produced in Thailand.</i>	OUV2-C9E01CE	Pareve	Symbol not required.
HEMECRAFT® Create 360 <ul style="list-style-type: none">National Starch Food Innovation<i>Approved when produced in Thailand.</i>	OUV2-0CBFAE1	Pareve	Symbol not required.
KS 2 <ul style="list-style-type: none">National Starch Food Innovation<i>Approved when produced in Thailand.</i>	OUV2-CPS0BVQ	Pareve	Symbol not required.

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KS-1 <ul style="list-style-type: none">National Starch Food Innovation <i>Approved when produced in Thailand.</i>	OUV2-FD8AFE1	Pareve	Symbol not required.
MA 0011 <ul style="list-style-type: none">National Starch Food Innovation <i>Approved when produced in Thailand.</i>	OUV2-EDCBC85	Pareve	Symbol not required.
MAT 1 <ul style="list-style-type: none">National Starch Food Innovation <i>Approved when produced in Thailand.</i>	OUV2-29B47CB	Pareve	Symbol not required.
MAT 2 <ul style="list-style-type: none">National Starch Food Innovation <i>Approved when produced in Thailand.</i>	OUV2-FF5D47F	Pareve	Symbol not required.

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Product / Brand	UKD-ID	Status	Certification Requirements
MAT 4 <ul style="list-style-type: none">National Starch Food Innovation<i>Approved when produced in Thailand.</i>	OUV2-53C7760	Pareve	Symbol not required.
MATSUTANI FUKU <ul style="list-style-type: none">National Starch Food Innovation<i>Approved when produced in Thailand.</i>	OUV2-1O9OTIU	Pareve	Symbol not required.
MATSUTANI KINMOKUSEI-02 <ul style="list-style-type: none">National Starch Food Innovation<i>Certified when produced in Thailand</i>	OUV2-A53FAD5	Pareve	Symbol not required.
MATSUTANI SAKURA <ul style="list-style-type: none">National Starch Food Innovation<i>Approved when produced in Thailand.</i>	OUV2-6Q5JRC4	Pareve	Symbol not required.

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Product / Brand	UKD-ID	Status	Certification Requirements
MATSUTANI Satsuki 2 <ul style="list-style-type: none">National Starch Food Innovation<i>Approved when produced in Thailand.</i>	OUV2-DA8A3D4	Pareve	Symbol not required.
Metroclean pH Adjusted Base <ul style="list-style-type: none">National Starch Food Innovation<i>Approved when produced in Thailand.</i>	OUV2-MB7LJNF	Pareve	Symbol not required.
MetroClean pH adjusted FLOUR base <ul style="list-style-type: none">National Starch Food Innovation<i>Approved when produced in Thailand.</i>	OUV2-U5JK6B9	Pareve	Symbol not required.
MSS-7 <ul style="list-style-type: none">National Starch Food Innovation<i>Certified when produced in Thailand</i>	OUV2-7B7633A	Pareve	Symbol not required.

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NASS 1 <ul style="list-style-type: none">National Starch Food Innovation <i>Approved when produced in Thailand.</i>	OUV2-EB5AF8C	Pareve	Symbol not required.
NATIONAL 522018 <ul style="list-style-type: none">National Starch Food Innovation <i>Approved when produced in Thailand</i>	OUV2-53FC23D	Pareve	Symbol not required.
NATIONAL 522027 <ul style="list-style-type: none">National Starch Food Innovation <i>Approved when produced in Thailand</i>	OUV2-D1FDC9C	Pareve	Symbol not required.
National 522035 <ul style="list-style-type: none">National Starch Food Innovation <i>Approved when produced in Thailand.</i>	OUV2-65F8FD6	Pareve	Symbol not required.

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NATIONAL 522185 <ul style="list-style-type: none">National Starch Food Innovation<i>Approved when produced in Thailand.</i>	OUV2-3F676C3	Pareve	Symbol not required.
NATIONAL 522186 <ul style="list-style-type: none">National Starch Food Innovation<i>Approved when produced in Thailand.</i>	OUV2-8729AB4	Pareve	Symbol not required.
National 522188 <ul style="list-style-type: none">National Starch Food Innovation<i>Approved when produced in Thailand.</i>	OUV2-96B8578	Pareve	Symbol not required.
NATIONAL 78-0226 <ul style="list-style-type: none">National Starch Food Innovation<i>Approved when produced in Thailand.</i>	OUV2-8CCF649	Pareve	Symbol not required.

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NATIONAL 78-0532 <ul style="list-style-type: none">National Starch Food Innovation<i>Approved when produced in Thailand.</i>	OUV2-F04B12F	Pareve	Symbol not required.
NATIONAL 78-0576 <ul style="list-style-type: none">National Starch Food Innovation<i>Approved when produced in Thailand.</i>	OUV2-B87A45F	Pareve	Symbol not required.
NATIONAL 78-0622 <ul style="list-style-type: none">National Starch Food Innovation<i>Approved when produced in Thailand.</i>	OUV2-4423763	Pareve	Symbol not required.
NATIONAL 78-0701 <ul style="list-style-type: none">National Starch Food Innovation<i>Approved when produced in Thailand.</i>	OUV2-4DA38FA	Pareve	Symbol not required.

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NATIONAL 78-0720 <ul style="list-style-type: none">National Starch Food Innovation<i>Approved when produced in Thailand.</i>	OUV2-570C9A9	Pareve	Symbol not required.
NATIONAL BR <ul style="list-style-type: none">National Starch Food Innovation<i>Approved when produced in Thailand.</i>	OUV2-33D3F98	Pareve	Symbol not required.
NATIONAL G830 <ul style="list-style-type: none">National Starch Food Innovation<i>Approved when produced in Thailand.</i>	OUV2-7154012	Pareve	Symbol not required.
NATIONAL G860 <ul style="list-style-type: none">National Starch Food Innovation<i>Approved when produced in Thailand.</i>	OUV2-34B0F9A	Pareve	Symbol not required.

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N-HANCE 80 <ul style="list-style-type: none">National Starch Food Innovation<i>Product of Thailand</i>	OUV2-0963B18	Pareve	Symbol not required.
N-HANCE 88 <ul style="list-style-type: none">National Starch Food Innovation<i>Product of Thailand.</i>	OUV2-388DA28	Pareve	Symbol not required.
NOVATION ENDURA 3100 <ul style="list-style-type: none">National Starch Food Innovation<i>Approved when produced in Thailand.</i>	OUV2-SBRQVFS	Pareve	Symbol not required.
Novation Prima 303 <ul style="list-style-type: none">National Starch Food Innovation<i>Approved when produced in Thailand.</i>	OUV2-1CJNQJK	Pareve	Symbol not required.

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Product / Brand	UKD-ID	Status	Certification Requirements
NOVATION PRIMA 603 <ul style="list-style-type: none">National Starch Food Innovation<i>Approved when produced in Thailand.</i>	OUV2-PWWOL0Y	Pareve	Symbol not required.
Novation Uno 330 <ul style="list-style-type: none">National Starch Food Innovation<i>Approved when produced in Thailand.</i>	OUV2-UZSIEEC	Pareve	Symbol not required.
NOVATION® 3300 CTR Intermediate <ul style="list-style-type: none">National Starch Food Innovation<i>Approved when produced in Thailand.</i>	OUV2-8932870	Pareve	Symbol not required.
NOVATION® 3300 <ul style="list-style-type: none">National Starch Food Innovation<i>Approved when produced in Thailand</i>	OUV2-A22CF23	Pareve	Symbol not required.

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Rabbi Menachem Genack, Rabbinic Administrator, CEO

This certification is valid through 12/31/2021



ORTHODOX UNION

LETTER OF KOSHER CERTIFICATION

בס"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 15, 2021

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Product / Brand	UKD-ID	Status	Certification Requirements
NOVATION® 3600 <ul style="list-style-type: none">National Starch Food Innovation <i>Approved when produced in Thailand.</i>	OUV2-C2B96B7	Pareve	Symbol not required.
Purity 830 <ul style="list-style-type: none">National Starch Food Innovation <i>Approved when produced in Thailand</i>	OUV2-5F6D4F2	Pareve	Symbol not required.
PURITY® 1 <ul style="list-style-type: none">National Starch Food Innovation <i>Approved when produced in Thailand.</i>	OUV2-E5BD0E8	Pareve	Symbol not required.
PURITY® 21T <ul style="list-style-type: none">National Starch Food Innovation <i>Approved when produced in Thailand.</i>	OUV2-C051B64	Pareve	Symbol not required.

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Product / Brand	UKD-ID	Status	Certification Requirements
PURITY® 69 <ul style="list-style-type: none">National Starch Food Innovation<i>Approved when produced in Thailand.</i>	OUV2-C02CA23	Pareve	Symbol not required.
PURITY® D <ul style="list-style-type: none">National Starch Food Innovation<i>Approved when produced in Thailand.</i>	OUV2-DA3F82C	Pareve	Symbol not required.
PURITY® SUV <ul style="list-style-type: none">National Starch Food Innovation<i>Approved when produced in Thailand.</i>	OUV2-005BCDE	Pareve	Symbol not required.
SUPER PURITY 1 <ul style="list-style-type: none">National Starch Food Innovation<i>Approved when produced in Thailand.</i>	OUV2-8A4463F	Pareve	Symbol not required.

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Product / Brand	UKD-ID	Status	Certification Requirements
Tapioca Flour <ul style="list-style-type: none">National Starch Food Innovation<i>Approved when produced in Thailand</i>	OUV2-CBF23B9	Pareve	Symbol not required.
Tapioca Milk Starch <ul style="list-style-type: none">National Starch Food Innovation<i>Approved when produced in Thailand</i>	OUV2-0EE39C1	Pareve	Symbol not required.
Texflo 2870 <ul style="list-style-type: none">National Starch Food Innovation<i>Approved when produced in Thailand</i>	OUV2-3E4B75B	Pareve	Symbol not required.
TEXTFLO 339 <ul style="list-style-type: none">National Starch Food Innovation<i>Approved when produced in Thailand.</i>	OUV2-92B6D52	Pareve	Symbol not required.

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Product / Brand	UKD-ID	Status	Certification Requirements
TEXTFLO 3970 <ul style="list-style-type: none">National Starch Food Innovation<i>Approved when produced in Thailand.</i>	OUV2-6BNUX7G	Pareve	Symbol not required.
THICK_FLO <ul style="list-style-type: none">National Starch Food Innovation<i>Kosher for Passover with batch certificate and special production only.</i>	Ouw3-3LWWW3T	Pareve/Passover	Ⓢ-P Symbol required.
THICK-FLO <ul style="list-style-type: none">National Starch Food Innovation<i>Approved when produced in Thailand.</i>	Ouv2-047E68F	Pareve	Symbol not required.
UNI-PURE 3362 <ul style="list-style-type: none">National Starch Food Innovation<i>Approved when produced in Thailand.</i>	Ouv2-XDJ9SBF	Pareve	Symbol not required.

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Product / Brand	UKD-ID	Status	Certification Requirements
Waxy Tapioca Starch <ul style="list-style-type: none">National Starch Food Innovation<i>Approved when produced in Thailand.</i>	OUV2-6YOGLPQ	Pareve	Symbol not required.
WMS <ul style="list-style-type: none">National Starch Food Innovation<i>Approved when produced in Thailand.</i>	OUV2-6C96587	Pareve	Symbol not required.

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