

UNIONOFORTHODOXJEWISHCONGREGATIONSOFAMERICA איחודקהילות האורתודוקסים באמריקה FORTY RECTOR STREET / NEW YORK, NY 10006 / 212-613-8241 / KOSHERLETTER@OU.ORG / OUKOSHER.ORG

January 02, 2024

בס ד

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 THAILAND

are under the supervision of the Kashruth Division of the Orthodox Union and are kosher as indicated below.

Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion			
Base National 8991	OUV2-GC6ISQS	Pareve	Symbol not required.
Approved when produced in Thailand.			
• BATTERBIND (R) S	OUV2-43F994E	Pareve	Symbol not required.
Approved when produced in Thailand.			
• BIND T	OUV2-BC4E337	Pareve	Symbol not required.
Approved when produced in Thailand.			
• BTS	OUV2-B11686E	Pareve	Symbol not required.
Approved when produced in Thailand.			
• CAPSUL TA	OUV2-8DF3612	Pareve	Symbol not required.
Approved when produced in Thailand.			
CORNBOY 281 CORNBOY 281	OUV2-DGWLVOU	Pareve	Symbol not required.
Approved when produced in Thailand.			

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.

Merachen Steagle

Rabbi Menachem Genack, Rabbinic Adminstrator, CEO



UNIONOFORTHODOXJEWISHCONGREGATIONSOFAMERICA איחוד קהילות האורתודוקסים באמריקה FORTY RECTOR STREET / NEW YORK, NY 10006 / 212-613-8241 / KOSHERLETTER@OU.ORG / OUKOSHER.ORG

January 02, 2024

INGREDION (THAILAND) CO., LTD. (continued)

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

Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• CORNBOY 306	OUV2-Y05LSFT	Pareve	Symbol not required.
Approved when produced in Thailand.			
CORNBOY 449 CORNBOY 449	OUV2-KTEJFEJ	Pareve	Symbol not required.
Approved when produced in Thailand.			
• CRYSTAL SET 100	OUV2-FF1E74A	Pareve	Symbol not required.
Approved when produced in Thailand.			
• CRYSTAL SET 300	OUV2-10A2197	Pareve	Symbol not required.
Product of Thailand			
• CRYSTAL TEX 626	OUV2-48945AC	Pareve	Symbol not required.
Approved when produced in Thailand.			
• CRYSTAL TEX 627	OUV2-4E55B3F	Pareve	Symbol not required.
Approved when produced in Thailand.			
• CRYSTAL TEX 627M	OUV2-72CFE79	Pareve	Symbol not required.
Approved when produced in Thailand.			

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.

Merachen Steagle

Rabbi Menachem Genack, Rabbinic Adminstrator, CEO

This certification is valid through 12/31/2024

בס״ד



UNIONOFORTHODOXJEWISHCONGREGATIONSOFAMERICA איחוד קהילות האורתודוקסים באמריקה FORTY RECTOR STREET / NEW YORK, NY 10006 / 212-613-8241 / KOSHERLETTER@OU.ORG / OUKOSHER.ORG

January 02, 2024

INGREDION (THAILAND) CO., LTD. (continued)

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

Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• CRYSTAL TEX 648	OUV2-D9831D2	Pareve	Symbol not required.
Approved when produced in Thailand.			
• CRYSTAL TEX LTF	OUV2-D82FBA0	Pareve	Symbol not required.
Approved when produced in Thailand.			
• CRYSTAL TEX SMR	OUV2-ATYJCDV	Pareve	Symbol not required.
Approved when produced in Thailand.			
CTR N3600 Intermediate	OUV2-EF3F7FC	Pareve	Symbol not required.
Approved when produced in Thailand.			
• ELASTIGEL 3000M	OUV2-A16EF56	Pareve	Symbol not required.
Approved when produced in Thailand.			
• ELASTITEX 1	OUV2-3533E63	Pareve	Symbol not required.
Approved when produced in Thailand.			
• ELASTITEX 2	OUV2-6D0B35F	Pareve	Symbol not required.
Approved when produced in Thailand.			

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.

Merachen Steagle

Rabbi Menachem Genack, Rabbinic Adminstrator, CEO

This certification is valid through 12/31/2024

בס״ד



UNIONOFORTHODOXJEWISHCONGREGATIONSOFAMERICA איחוד קהילות האורתודוקסים באמריקה FORTY RECTOR STREET / NEW YORK, NY 10006 / 212-613-8241 / KOSHERLETTER@OU.ORG / OUKOSHER.ORG

January 02, 2024

בס ד

INGREDION (THAILAND) CO., LTD. (continued)

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

Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• FOOD STARCH 1184 FOOD STARCH 1184	OUV2-LPH0TMA	Pareve	Symbol not required.
Approved when produced in Thailand.			
 FOOD STARCH KAZU FOOD STARCH KAZU 	OUV2-UCAAYS1	Pareve	Symbol not required.
Approved when produced in Thailand.			
• HOMECRAFT CREATE 315	OUV2-SACIBFM	Pareve	Symbol not required.
Approved when produced in Thailand.			
• HOMECRAFT CREATE 335	OUV2-6INH5TW	Pareve	Symbol not required.
Approved when produced in Thailand.			
HOMECRAFT CREATE 365	OUV2-GC1F36A	Pareve	Symbol not required.
Approved when produced in Thailand.			
HOMECRAFT Create 390	OUV2-E41B096	Pareve	Symbol not required.
Approved when produced in Thailand			
HOMECRAFT CREATE 835 - Intermediate	OUV2-7VL21SM	Pareve	Symbol not required.
Approved when produced in Thailand.			

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.

Merachen Steagle

Rabbi Menachem Genack, Rabbinic Adminstrator, CEO



UNIONOFORTHODOXJEWISHCONGREGATIONSOFAMERICA איחוד קהילות האורתודוקסים באמריקה FORTY RECTOR STREET / NEW YORK, NY 10006 / 212-613-8241 / KOSHERLETTER@OU.ORG / OUKOSHER.ORG

January 02, 2024

בס ד

INGREDION (THAILAND) CO., LTD. (continued)

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

Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
HOMECRAFT CREATE 865 - Intermediate	OUV2-H4ZDJFV	Pareve	Symbol not required.
Approved when produced in Thailand.			
HOMECRAFT® Create 330	OUV2-C9E01CE	Pareve	Symbol not required.
Approved when produced in Thailand.			
HOMECRAFT® Create 360	OUV2-0CBFAE1	Pareve	Symbol not required.
Approved when produced in Thailand.			
• KS 2	OUV2-CPS0BVQ	Pareve	Symbol not required.
Approved when produced in Thailand.			
• KS-1	OUV2-FD8AFE1	Pareve	Symbol not required.
Approved when produced in Thailand.			
• MA 0011	OUV2-EDCBC85	Pareve	Symbol not required.
Approved when produced in Thailand.			
• MAT 1	OUV2-29B47CB	Pareve	Symbol not required.
Approved when produced in Thailand.			

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.

Merachen Steagle

Rabbi Menachem Genack, Rabbinic Adminstrator, CEO



UNIONOFORTHODOXJEWISHCONGREGATIONSOFAMERICA איחוד קהילות האורתודוקסים באמריקה FORTY RECTOR STREET / NEW YORK, NY 10006 / 212-613-8241 / KOSHERLETTER@OU.ORG / OUKOSHER.ORG

January 02, 2024

INGREDION (THAILAND) CO., LTD. (continued)

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

Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• MAT 2	OUV2-FF5D47F	Pareve	Symbol not required.
Approved when produced in Thailand.			
• MAT 4	OUV2-53C7760	Pareve	Symbol not required.
Approved when produced in Thailand.			
• MATSUTANI FUKU	OUV2-109OTIU	Pareve	Symbol not required.
Approved when produced in Thailand.			
• MATSUTANI KINMOKUSEI-02	OUV2-A53FAD5	Pareve	Symbol not required.
Certified when produced in Thailand			
• MATSUTANI SAKURA	OUV2-6Q5JRC4	Pareve	Symbol not required.
Approved when produced in Thailand.			
MATSUTANI Satsuki 2	OUV2-DA8A3D4	Pareve	Symbol not required.
Approved when produced in Thailand.			
 Metroclean pH Adjusted Base 	OUV2-MB7LJNF	Pareve	Symbol not required.
Approved when produced in Thailand.			

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.

Merachen Steagle

Rabbi Menachem Genack, Rabbinic Adminstrator, CEO



UNIONOFORTHODOXJEWISHCONGREGATIONSOFAMERICA איחוד קהילות האורתודוקסים באמריקה FORTY RECTOR STREET / NEW YORK, NY 10006 / 212-613-8241 / KOSHERLETTER@OU.ORG / OUKOSHER.ORG

January 02, 2024

בס ד

INGREDION (THAILAND) CO., LTD. (continued)

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

Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
 MetroClean pH adjusted FLOUR base 	OUV2-U5JK6B9	Pareve	Symbol not required.
Approved when produced in Thailand.			
• MSS-7	OUV2-7B7633A	Pareve	Symbol not required.
Certified when produced in Thailand			
• NASS 1	OUV2-EB5AF8C	Pareve	Symbol not required.
Approved when produced in Thailand.			
• NATIONAL 522018	OUV2-53FC23D	Pareve	Symbol not required.
Approved when produced in Thailand			
• NATIONAL 522027	OUV2-D1FDC9C	Pareve	Symbol not required.
Approved when produced in Thailand			
National 522035	OUV2-65F8FD6	Pareve	Symbol not required.
Approved when produced in Thailand.			
• NATIONAL 522185	OUV2-3F676C3	Pareve	Symbol not required.
Approved when produced in Thailand.			

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.

Merachen Steagle

Rabbi Menachem Genack, Rabbinic Adminstrator, CEO



UNIONOFORTHODOXJEWISHCONGREGATIONSOFAMERICA איחוד קהילות האורתודוקסים באמריקה FORTY RECTOR STREET / NEW YORK, NY 10006 / 212-613-8241 / KOSHERLETTER@OU.ORG / OUKOSHER.ORG

January 02, 2024

INGREDION (THAILAND) CO., LTD. (continued)

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

Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• NATIONAL 522186	OUV2-8729AB4	Pareve	Symbol not required.
Approved when produced in Thailand.			
• National 522188	OUV2-96B8578	Pareve	Symbol not required.
Approved when produced in Thailand.			
• NATIONAL 78-0226	OUV2-8CCF649	Pareve	Symbol not required.
Approved when produced in Thailand.			
• NATIONAL 78-0532	OUV2-F04B12F	Pareve	Symbol not required.
Approved when produced in Thailand.			
• NATIONAL 78-0576	OUV2-B87A45F	Pareve	Symbol not required.
Approved when produced in Thailand.			
• NATIONAL 78-0622	OUV2-4423763	Pareve	Symbol not required.
Approved when produced in Thailand.			
• NATIONAL 78-0701	OUV2-4DA38FA	Pareve	Symbol not required.
Approved when produced in Thailand.			

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.

Merachen Steagle

Rabbi Menachem Genack, Rabbinic Adminstrator, CEO

This certification is valid through 12/31/2024 Page 8 of 13



UNIONOFORTHODOXJEWISHCONGREGATIONSOFAMERICA איחודקהילות האורתודוקסים באמריקה FORTY RECTOR STREET / NEW YORK, NY 10006 / 212-613-8241 / KOSHERLETTER@OU.ORG / OUKOSHER.ORG

January 02, 2024

INGREDION (THAILAND) CO., LTD. (continued)

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

Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• NATIONAL 78-0720	OUV2-570C9A9	Pareve	Symbol not required.
Approved when produced in Thailand.			
• NATIONAL BR	OUV2-33D3F98	Pareve	Symbol not required.
Approved when produced in Thailand.			
NATIONAL G830	OUV2-7154012	Pareve	Symbol not required.
Approved when produced in Thailand.			
• NATIONAL G860	OUV2-34B0F9A	Pareve	Symbol not required.
Approved when produced in Thailand.			
• N-HANCE 80	OUV2-0963B18	Pareve	Symbol not required.
Product of Thailand			
• N-HANCE 88	OUV2-388DA28	Pareve	Symbol not required.
Product of Thailand.			
Novation 2300	OUV3-5SCGLTO	Pareve	U Symbol required.
Novation 2500	OUV3-VNP0VYX	Pareve	U Symbol required.
Novation 3301	OUV3-SXSAFX9	Pareve	U Symbol 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.

Merachen Steagle

Rabbi Menachem Genack, Rabbinic Adminstrator, CEO

This certification is valid through 12/31/2024 Page 9 of 13



UNIONOFORTHODOXJEWISHCONGREGATIONSOFAMERICA איחוד קהילות האורתודוקסים באמריקה FORTY RECTOR STREET / NEW YORK, NY 10006 / 212-613-8241 / KOSHERLETTER@OU.ORG / OUKOSHER.ORG

January 02, 2024

INGREDION (THAILAND) CO., LTD. (continued)

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

Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
NOVATION ENDURA 3100	OUV2-SBRQVFS	Pareve	Symbol not required.
Approved when produced in Thailand.			
NOVATION INDULGE 3620	OUV2-BEAF09C	Pareve	Symbol not required.
Approved when produced in Thailand.			
Novation Lumina 8300	OUV2-HCMISUD	Pareve	Symbol not required.
Approved when produced in Thailand			
Novation Lumina 8600	OUV2-ATWFHSQ	Pareve	Symbol not required.
Approved when produced in Thailand			
Novation Prima 303	OUV2-1CJNQJK	Pareve	Symbol not required.
Approved when produced in Thailand.			
NOVATION PRIMA 603	OUV2-PWWOL0Y	Pareve	Symbol not required.
Approved when produced in Thailand.			
Novation Uno 330	OUV2-UZSIEEC	Pareve	Symbol not required.
Approved when produced in Thailand.			

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.

Merachen Steach

Rabbi Menachem Genack, Rabbinic Adminstrator, CEO

This certification is valid through 12/31/2024 Page 10 of 13



UNIONOFORTHODOXJEWISHCONGREGATIONSOFAMERICA איחוד קהילות האורתודוקסים באמריקה FORTY RECTOR STREET / NEW YORK, NY 10006 / 212-613-8241 / KOSHERLETTER@OU.ORG / OUKOSHER.ORG

January 02, 2024

בס ד

INGREDION (THAILAND) CO., LTD. (continued)

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

Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
NOVATION® 3300	OUV2-A22CF23	Pareve	Symbol not required.
Approved when produced in Thailand			
NOVATION® 3300 CTR Intermediate	OUV2-8932870	Pareve	Symbol not required.
Approved when produced in Thailand.			
• NOVATION® 3600	OUV2-C2B96B7	Pareve	Symbol not required.
Approved when produced in Thailand.			
• Purity 830	OUV2-5F6D4F2	Pareve	Symbol not required.
Approved when produced in Thailand			
• PURITY® 1	OUV2-E5BD0E8	Pareve	Symbol not required.
Approved when produced in Thailand.			
• PURITY® 21T	OUV2-C051B64	Pareve	Symbol not required.
Approved when produced in Thailand.			
• PURITY® 69	OUV2-C02CA23	Pareve	Symbol not required.
Approved when produced in Thailand.			

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.

Merachen Steach

Rabbi Menachem Genack, Rabbinic Adminstrator, CEO



UNIONOFORTHODOXJEWISHCONGREGATIONSOFAMERICA איחוד קהילות האורתודוקסים באמריקה FORTY RECTOR STREET / NEW YORK, NY 10006 / 212-613-8241 / KOSHERLETTER@OU.ORG / OUKOSHER.ORG

January 02, 2024

INGREDION (THAILAND) CO., LTD. (continued)

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

Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• PURITY® D	OUV2-DA3F82C	Pareve	Symbol not required.
Approved when produced in Thailand.			
• PURITY® SUV	OUV2-005BCDE	Pareve	Symbol not required.
Approved when produced in Thailand.			
• SUPER PURITY 1	OUV2-8A4463F	Pareve	Symbol not required.
Approved when produced in Thailand.			
Tapioca Flour	OUV2-CBF23B9	Pareve	Symbol not required.
Approved when produced in Thailand			
Tapioca Milk Starch	OUV2-0EE39C1	Pareve	Symbol not required.
Approved when produced in Thailand			
• Texflo 2870	OUV2-3E4B75B	Pareve	Symbol not required.
Approved when produced in Thailand			
• TEXFLO 339	OUV2-92B6D52	Pareve	Symbol not required.
Approved when produced in Thailand.			

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.

Merachen Steagle

Rabbi Menachem Genack, Rabbinic Adminstrator, CEO

This certification is valid through 12/31/2024 Page 12 of 13



UNIONOFORTHODOXJEWISHCONGREGATIONSOFAMERICA איחוד קהילות האורתודוקסים באמריקה FORTY RECTOR STREET / NEW YORK, NY 10006 / 212-613-8241 / KOSHERLETTER@OU.ORG / OUKOSHER.ORG

January 02, 2024

INGREDION (THAILAND) CO., LTD. (continued)

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

Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• TEXFLO 3970	OUV2-6BNUX7G	Pareve	Symbol not required.
Approved when produced in Thailand.			
• THICK_FLO	OUW3-3LWWW3T	Pareve/Passover	U -P Symbol required.
Kosher for Passover with batch certificate and special production only.			
• THICK-FLO	OUV2-047E68F	Pareve	Symbol not required.
Approved when produced in Thailand.			
• UNI-PURE 3362	OUV2-XDJ9SBF	Pareve	Symbol not required.
Approved when produced in Thailand.			
Waxy Tapioca Starch	OUV2-6YOGLPQ	Pareve	Symbol not required.
Approved when produced in Thailand.			
• WMS	OUV2-6C96587	Pareve	Symbol not required.
Approved when produced in Tailand.			

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.

Merachen Steagle

Rabbi Menachem Genack, Rabbinic Adminstrator, CEO

This certification is valid through 12/31/2024 Page 13 of 13