

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

December 07, 2023

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

Ingredion Incorporated, 5 Westbrook Corporate Center, Westchester, IL 60154

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

MSI Express, Inc.-Hammond, 1844 Summer Street, Hammond, IN

Product Name	UKD-ID	Status	Certification Requirements
Brand: Coyote Brand			
• Agar	OUV3-FA27280	Pareve	U Symbol required.
• C Gum EG-CA	OUV3-27BB91D	Pareve	U Symbol required.
• C Pro	OUV3-AEE64A1	Pareve	U Symbol required.
• Cellulose Gel 50	OUV3-3A02DBB	Pareve	U Symbol required.
Cellulose Gum CMC-M4500	OUV3-89A4145	Pareve	U Symbol required.
• Gelatin 255 K-70	OUV3-4E0723A	Pareve	U Symbol required.
Gum Arabic S Spray Dried	OUV3-365048B	Pareve	U Symbol required.
• PGA-M	OUV3-83E98F0	Pareve	U Symbol required.
• Stabilizer AG-0312	OUV3-BF8C829	Pareve	U Symbol required.
Stabilizer AM-0504	OUV3-80A3196	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 Stearte

Rabbi Menachem Genack, Rabbinic Administrator, CEO

This certification is valid through 12/31/2024 Page 1 of 32



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

December 07, 2023

Ingredion Incorporated (continued)

This is to certify that the following product(s) prepared by this company at the facilitie(s) listed above 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: Coyote Brand (continued)			
• Stabilizer CK-S-2	OUV3-25FA2F9	Pareve	U Symbol required.
• Stabilizer CLPS-M146	OUV3-A1ED2E7	Pareve	U Symbol required.
• Stabilizer GXC - 0906	OUV3-F6D4734	Pareve	U Symbol required.
• Stabilizer KX-BS	OUV3-1F9CD3A	Pareve	U Symbol required.
• Stabilizer ST-101	OUV3-200493E	Pareve	U Symbol required.
• Stabilizer XC-0508	OUV3-96C10AD	Pareve	U Symbol required.
Brand: GUMPLETE TM			
• GUMPLETE [™] Guar Gum HV	OUV3-8DADC86	Pareve	U Symbol required.
• GUMPLETE [™] Konjac A	OUV3-ECDC4EC	Pareve	U Symbol required.
• GUMPLETE [™] Xanthan Gum 80 Mesh SR-2	OUV3-3F1246D	Pareve	U Symbol required.

Brand: Ingredion

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.

Menachen Stearte

Rabbi Menachem Genack, Rabbinic Administrator, CEO

This certification is valid through 12/31/2024 Page 2 of 32



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

December 07, 2023

Ingredion Incorporated (continued)

This is to certify that the following product(s) prepared by this company at the facilitie(s) listed above 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)			
• 923-58 Approved when produced in USA .	OUV3-A58FD89	Pareve	U Symbol required.
• ADVANTA-GEL (TM) S Approved when produced in USA.	OUV3-171E003	Pareve	U Symbol required.
• AMIOCA POWDER Approved when produced in USA	OUV3-A51C680	Pareve	U Symbol required.
• BASE 4806 Approved when produced in USA .	OUV3-3570976	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.

Menachen Stearte

Rabbi Menachem Genack, Rabbinic Administrator, CEO

This certification is valid through 12/31/2024 Page 3 of 32



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

December 07, 2023

Ingredion Incorporated (continued)

This is to certify that the following product(s) prepared by this company at the facilitie(s) listed above 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)			
• CAPSUL (R) Approved when produced in USA.	OUV3-C88ED4C	Pareve	U Symbol required.
• CAPSUL (R) 120 Approved when produced in USA .	OUV3-1FBE2F3	Pareve	U Symbol required.
• CAPSUL (R) FP Approved when produced in USA	OUV3-8F0C269	Pareve	U Symbol required.
• CAPSUL(R) Approved when produced in USA	OUV3-25C3B72	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 Stearte

Rabbi Menachem Genack, Rabbinic Administrator, CEO

This certification is valid through 12/31/2024 Page 4 of 32



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

December 07, 2023

Ingredion Incorporated (continued)

This is to certify that the following product(s) prepared by this company at the facilitie(s) listed above 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)			
• CATO-SIZE (R) Approved when produced in the USA . Also approved when shipped in	OUV3-D37EDB1 rail hopper car.	Pareve	U Symbol required.
• CLEAR-TEX (R) Approved when produced in the USA.	OUV3-0E76F78	Pareve	U Symbol required.
• COLFLO (R) 67 Approved when produced in USA.	OUV3-14E79A0	Pareve	U Symbol required.
• CRISP COAT UC Approved when produced in USA	OUV3-AE4E342	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 Stearte

Rabbi Menachem Genack, Rabbinic Administrator, CEO

This certification is valid through 12/31/2024 Page 5 of 32



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

December 07, 2023

Ingredion Incorporated (continued)

This is to certify that the following product(s) prepared by this company at the facilitie(s) listed above 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)			
• CRISP FILM (R) Approved when produced in USA.	OUV3-CFBF62F	Pareve	U Symbol required.
• ELEGGANCE® (KOSHER DAIRY) Approved when produced in USA.	OUD3-A35D80C	Dairy	U-D Symbol required. Packaging/letter bears Rabbi's signature/stamp or OU numbered seal/sticker.
• EXYLON (R) Approved when produced in USA	OUV3-2393014	Pareve	U Symbol required.
• FLOJEL (R) 60 Approved when produced in USA.	OUV3-6322676	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.

Menachen Stearte

Rabbi Menachem Genack, Rabbinic Administrator, CEO

This certification is valid through 12/31/2024 Page 6 of 32



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

December 07, 2023

Ingredion Incorporated (continued)

This is to certify that the following product(s) prepared by this company at the facilitie(s) listed above 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)			
• FLOJEL (R) G Approved when produced in USA .	OUV3-7DBE659	Pareve	(U) Symbol required.
• FLOJEL (R) G PREMIX Approved when produced in USA .	OUV3-6A98399	Pareve	U Symbol required.
• HI-CAP (R) 100 Approved when produced in USA.	OUV3-D686975	Pareve	U Symbol required.
• Hi-MAIZE® 260 Approved when produced in USA .	OUV3-46EDF10	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.

Menachen Stearte

Rabbi Menachem Genack, Rabbinic Administrator, CEO

This certification is valid through 12/31/2024

Page 7 of 32



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

December 07, 2023

Ingredion Incorporated (continued)

This is to certify that the following product(s) prepared by this company at the facilitie(s) listed above 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)			
• HI-MAIZE®1043	OUV3-38ECBB8	Pareve	U Symbol required.
Approved when produced in USA.			
• HOMECRAFT® Pulse 1101	OUV3-2B8CA89	Pareve	U Symbol required.
HOMECRAFT® Pulse 1101	OUV3-DF5C6D1	Pareve	U Symbol required.
HOMECRAFT® Pulse 1103	OUV3-81E289F	Pareve	U Symbol required.
HOMECRAFT® Pulse 1135	OUV3-1F31B96	Pareve	U Symbol required.
HOMECRAFT® Pulse 2101	OUV3-3356F5A	Pareve	U Symbol required.
HOMECRAFT® Pulse 2103	OUV3-57E8FF3	Pareve	U Symbol required.
HOMECRAFT® Pulse 3103	OUV3-0109C10	Pareve	U Symbol required.
HOMECRAFT® Pulse 4135	OUV3-B433200	Pareve	U Symbol required.
HOMECRAFT® Pulse 5101	OUV3-0407013	Pareve	U Symbol required.
HOMECRAFT® Pulse 6101	OUV3-C44015E	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.

Menachen Stearte

Rabbi Menachem Genack, Rabbinic Administrator, CEO

This certification is valid through 12/31/2024 Page 8 of 32



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

December 07, 2023

Ingredion Incorporated (continued)

This is to certify that the following product(s) prepared by this company at the facilitie(s) listed above 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® Pulse 6135	OUV3-D6CBC3E	Pareve	U Symbol required.
HOMECRAFT® Pulse CT 1203	OUV3-21F4037	Pareve	U Symbol required.
• HYLON (R) Approved when produced in USA.	OUV3-C4AA9B9	Pareve	U Symbol required.
• HYLON (R) VII Approved when produced in USA	OUV3-DE55E1F	Pareve	U Symbol required.
• IF 131 Approved when produced in USA.	OUV3-93A72D8	Pareve	U Symbol required.
• INDEX Approved when produced in USA .	OUV3-BB20ECC	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.

Menachen Stearte

Rabbi Menachem Genack, Rabbinic Administrator, CEO

This certification is valid through 12/31/2024 Page 9 of 32



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

December 07, 2023

Ingredion Incorporated (continued)

This is to certify that the following product(s) prepared by this company at the facilitie(s) listed above 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)			
• INSTANT PURE-FLO (R) F Approved when produced in USA.	OUV3-B4A1017	Pareve	(U) Symbol required.
• INSTANT TEXTRA (R) Approved when produced in USA .	OUV3-08C90F2	Pareve	U Symbol required.
• MELOJEL® Product of Mexico.	OUV3-6D36DA8	Pareve	U Symbol required.
• Micro CAT (R) 110 Approved when produced in USA.	OUV3-DD3290F	Pareve	① 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.

Menachen Stearte

Rabbi Menachem Genack, Rabbinic Administrator, CEO

This certification is valid through 12/31/2024 Page 10 of 32



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

December 07, 2023

Ingredion Incorporated (continued)

This is to certify that the following product(s) prepared by this company at the facilitie(s) listed above 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)			
• NADEX (R) 152 Approved when produced in USA.	OUV3-277770D	Pareve	(U) Symbol required.
• NADEX (R) 360 Approved when produced in USA.	OUV3-3724F01	Pareve	U Symbol required.
• NADEX (R) 772 Approved when produced in USA.	OUV3-DB3B24E	Pareve	U Symbol required.
• NADEX(R) Approved when produced in USA.	OUV3-7430E58	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 Stearte

Rabbi Menachem Genack, Rabbinic Administrator, CEO

This certification is valid through 12/31/2024 Page 11 of 32



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

December 07, 2023

Ingredion Incorporated (continued)

This is to certify that the following product(s) prepared by this company at the facilitie(s) listed above 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 0280 Approved when produced in USA.	OUV3-D67ADB5	Pareve	U Symbol required.
• NATIONAL 1502 Approved when produced in USA.	OUV3-72BCA93	Pareve	U Symbol required.
• NATIONAL 1658 Approved when produced in USA.	OUV3-61485DB	Pareve	U Symbol required.
• NATIONAL 465 Approved when product of USA.	OUV3-0AC7553	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 Stearte

Rabbi Menachem Genack, Rabbinic Administrator, CEO

This certification is valid through 12/31/2024 Page 12 of 32



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

December 07, 2023

Ingredion Incorporated (continued)

This is to certify that the following product(s) prepared by this company at the facilitie(s) listed above 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 50-3105 Acceptable if third character is a number. Product with this needs Rabbi's signature unless the following number seque			U Symbol required. Packaging/letter bears Rabbi's signature/stamp or OU numbered seal/sticker.
• NATIONAL 55-1897 Approved when produced in USA .	OUV3-CBF077A	Pareve	U Symbol required.
• NATIONAL 6525 Approved when produced in USA.	OUV3-E7183F1	Pareve	U Symbol required.
• NATIONAL 6750 Approved when produced in USA.	OUV3-CCD0EFE	Pareve	① 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.

Menachen Stearte

Rabbi Menachem Genack, Rabbinic Administrator, CEO

This certification is valid through 12/31/2024 Page 13 of 32



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

December 07, 2023

Ingredion Incorporated (continued)

This is to certify that the following product(s) prepared by this company at the facilitie(s) listed above 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 6782 Approved when produced in USA.	OUV3-50F8E07	Pareve	U Symbol required.
• NATIONAL 711 Approved when produced in USA .	OUV3-8D0B64C	Pareve	U Symbol required.
• NATIONAL 77-1760 Acceptable if third character is a number. Product with third cha needs Rabbi's signature unless the following number sequence is			U Symbol required. Packaging/letter bears Rabbi's signature/stamp or OU numbered seal/sticker.
• NATIONAL 77-1814 Approved when produced in USA .	OUV3-23BE8A8	Pareve	① 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.

Menachen Stearte

Rabbi Menachem Genack, Rabbinic Administrator, CEO

This certification is valid through 12/31/2024 Page 14 of 32



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

December 07, 2023

Ingredion Incorporated (continued)

This is to certify that the following product(s) prepared by this company at the facilitie(s) listed above 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 77-1847 Approved when produced in USA .	OUV3-AEBF1F5	Pareve	U Symbol required.
• NATIONAL 77-1857 Approved when produced in USA .	OUV3-3DE6E48	Pareve	U Symbol required.
• NATIONAL 78-0203 Approved when produced in USA .	OUV3-C25B901	Pareve	U Symbol required.
• NATIONAL 78-0632 Approved when produced in USA .	OUV3-D000C57	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 Stearte

Rabbi Menachem Genack, Rabbinic Administrator, CEO

This certification is valid through 12/31/2024 Page 15 of 32



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

December 07, 2023

Ingredion Incorporated (continued)

This is to certify that the following product(s) prepared by this company at the facilitie(s) listed above 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 78-0724 Approved when produced in USA .	OUV3-94300A0	Pareve	U Symbol required.
• NATIONAL 88 Approved when produced in USA.	OUV3-B45AA14	Pareve	U Symbol required.
• N-CREAMER 46 Approved when produced in USA.	OUV3-0AED762	Pareve	U Symbol required.
• N-HIBIT Approved when produced in USA .	OUV3-48C5BFB	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.

Menachen Stearte

Rabbi Menachem Genack, Rabbinic Administrator, CEO

This certification is valid through 12/31/2024 Page 16 of 32



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

December 07, 2023

Ingredion Incorporated (continued)

This is to certify that the following product(s) prepared by this company at the facilitie(s) listed above 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)			
• N-LOK (R) Approved when produced in USA.	OUV3-308E35E	Pareve	U Symbol required.
• N-LOK (R) 1930 Approved when produced in USA.	OUV3-7D5A7CA	Pareve	U Symbol required.
• NOVATION (R) 6600 Approved when produced in USA .	OUV3-BCE356D	Pareve	U Symbol required.
• NOVELOSE (R) 330 Approved when produced in USA.	OUV3-CA83F70	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 Stearte

Rabbi Menachem Genack, Rabbinic Administrator, CEO

This certification is valid through 12/31/2024 Page 17 of 32



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

December 07, 2023

Ingredion Incorporated (continued)

This is to certify that the following product(s) prepared by this company at the facilitie(s) listed above 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)			
• NUMOULD Approved when produced in USA .	OUV3-64F657D	Pareve	U Symbol required.
• NUTRIOSE FM06 Approved when produced in France.	OUV3-CE52C42	Pareve	U Symbol required.
• PenBind 1180	OUV3-A282212	Pareve	U Symbol required.
• PENCLING® 7580	OUV3-16E1F87	Pareve	U Symbol required.
PenCrisp® 905	OUV3-40F26CB	Pareve	U Symbol required.
• PENTECH® 8500	OUV3-9E9807B	Pareve	U Symbol required.
• PQC- 830	OUV3-CE93B7F	Pareve	U Symbol required.
Approved when produced in USA .			

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.

Menachen Stearte

Rabbi Menachem Genack, Rabbinic Administrator, CEO

This certification is valid through 12/31/2024 Page 18 of 32



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

December 07, 2023

Ingredion Incorporated (continued)

This is to certify that the following product(s) prepared by this company at the facilitie(s) listed above 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 (R) 660 Approved when produced in USA .	OUV3-DB26F61	Pareve	U Symbol required.
• PURITY (R) GUM 539 Approved when produced in USA	OUV3-D592C41	Pareve	U Symbol required.
• PURITY (R) W Approved when produced in USA .	OUV3-6B9A40B	Pareve	U Symbol required.
• PURITY GUM [TM] 539 Approved when produced in USA .	OUV3-0A7E19F	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.

Menachen Stearte

Rabbi Menachem Genack, Rabbinic Administrator, CEO

This certification is valid through 12/31/2024 Page 19 of 32



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

December 07, 2023

Ingredion Incorporated (continued)

This is to certify that the following product(s) prepared by this company at the facilitie(s) listed above 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 GUM [TM] 59 Approved when produced in USA .	OUV3-66A47CF	Pareve	U Symbol required.
• PURITY GUM® 1773 Approved when produced in USA.	OUV3-BDC1C29	Pareve	U Symbol required.
• PURITY GUM® BE Approved when produced in USA .	OUV3-60357CF	Pareve	U Symbol required.
• StacKOTE(R) Approved when produced in the USA . Also approved	OUV3-3D54558 when shipped in rail hopper car.	Pareve	U Symbol required.

Approved when produced in the USA . Also approved when shipped in rall hopper car.

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 Stearte

Rabbi Menachem Genack, Rabbinic Administrator, CEO

This certification is valid through 12/31/2024 Page 20 of 32



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

December 07, 2023

Ingredion Incorporated (continued)

This is to certify that the following product(s) prepared by this company at the facilitie(s) listed above 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)			
• STRUCTURE (R) XL Approved when produced in USA .	OUV3-8C2D801	Pareve	U Symbol required.
• STRUCTURECOTE Approved when produced in USA.	OUV3-A4B3554	Pareve	U Symbol required.
• STRUCTURECOTE 1887 (R) Approved when produced in USA.	OUV3-32E310D	Pareve	U Symbol required.
• STRUCTURECOTE 1889 (R) Approved when produced in USA.	OUV3-DDA3A85	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 Stearte

Rabbi Menachem Genack, Rabbinic Administrator, CEO

This certification is valid through 12/31/2024 Page 21 of 32



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

December 07, 2023

Ingredion Incorporated (continued)

This is to certify that the following product(s) prepared by this company at the facilitie(s) listed above 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)			
• TEXTRA (R) Approved when produced in USA .	OUV3-36659C3	Pareve	(U) Symbol required.
• TEXTRA (R) PLUS Approved when produced in USA .	OUV3-F3D7DE2	Pareve	U Symbol required.
• THERMTEX (R) Approved when produced in USA.	OUV3-0A29B95	Pareve	U Symbol required.
• THICKENUP (R) Approved when produced in USA.	OUV3-110C688	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 Stearte

Rabbi Menachem Genack, Rabbinic Administrator, CEO

This certification is valid through 12/31/2024 Page 22 of 32



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

December 07, 2023

Ingredion Incorporated (continued)

This is to certify that the following product(s) prepared by this company at the facilitie(s) listed above 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)			
• ULTRA-CREATE Approved when produced in USA	OUV3-5A37AEC	Pareve	U Symbol required.
• ULTRA-SPERSE (R) 2000 Approved when produced in USA .	OUV3-0AFEE84	Pareve	U Symbol required.
• ULTRA-SPERSE (R) 340 Approved when produced in USA .	OUV3-2D1AA56	Pareve	U Symbol required.
• ULTRA-SPERSE (R) A Approved when produced in USA .	OUV3-9925CDD	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 Stearte

Rabbi Menachem Genack, Rabbinic Administrator, CEO

This certification is valid through 12/31/2024 Page 23 of 32



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

December 07, 2023

Ingredion Incorporated (continued)

This is to certify that the following product(s) prepared by this company at the facilitie(s) listed above 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)			
• ULTRA-TEX (R) 1 Approved when produced in USA.	OUV3-602C892	Pareve	U Symbol required.
• ULTRA-TEX (R) 2 Approved when produced in USA.	OUV3-5B4EDCF	Pareve	U Symbol required.
• ULTRA-TEX (R) 3 Approved when produced in USA.	OUV3-0BF8F89	Pareve	U Symbol required.
• ULTRA-TEX (R) 4 Approved when produced in USA .	OUV3-2D9CA71	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 Stearte

Rabbi Menachem Genack, Rabbinic Administrator, CEO

This certification is valid through 12/31/2024 Page 24 of 32



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

December 07, 2023

Ingredion Incorporated (continued)

This is to certify that the following product(s) prepared by this company at the facilitie(s) listed above 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)			
• VELOX (TM) 0987 Approved when produced in USA .	OUV3-89D0484	Pareve	U Symbol required.
• VITESSENCE Prista P255 Certified when produced in USA	OUV3-F72F4F3	Pareve	U Symbol required.
VITESSENCE Pulse 1550	OUV3-216E226	Pareve	U Symbol required.
VITESSENCE Pulse 3600	OUV3-8650FDE	Pareve	U Symbol required.
VITESSENCE® Pulse 2550	OUV3-F6C8FA8	Pareve	U Symbol required.
• WNA Approved when produced in USA .	OUV3-BDC3848	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.

Menachen Stearte

Rabbi Menachem Genack, Rabbinic Administrator, CEO

This certification is valid through 12/31/2024 Page 25 of 32



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

December 07, 2023

Ingredion Incorporated (continued)

This is to certify that the following product(s) prepared by this company at the facilitie(s) listed above 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) • YEDNHA EASY <i>Approved when produced in USA.</i>	OUV3-B602C02	Pareve	U Symbol required.
Brand: Ingredion Incorporated • HI-CAP 100 <i>Approved when produced in USA.</i>	OUV3-B2FB58E	Pareve	① Symbol required.
• HOMECRAFT Pulse 4101 Approved when produced in USA.	OUV3-D01CCF7	Pareve	① Symbol required.
• HOMECRAFT Pulse CT 4201 Approved when produced in USA.	OUV3-5A0D2A6	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 Stearte

Rabbi Menachem Genack, Rabbinic Administrator, CEO

This certification is valid through 12/31/2024 Page 26 of 32



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

December 07, 2023

Ingredion Incorporated (continued)

This is to certify that the following product(s) prepared by this company at the facilitie(s) listed above 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 Incorporated (continued)				
HOMECRAFT® Pulse 3101	OUV3-7E447D7	Pareve	U Symbol required.	
• PENBIND® 140	OUV3-1570A23	Pareve	U Symbol required.	
• PURITY GUM® 2000 Approved when produced in USA	OUV3-132C40C	Pareve	(U) Symbol required.	
• PURITY P 1304 Approved when produced in USA.	OUV3-0BEABE7	Pareve	① Symbol required.	
• PURITY® P 1002 Pea Starch Approved when produced in USA.	OUV2-9813578	Pareve	Symbol not required.	
• VITESSENCE Pulse 1550 Approved when produced in USA.	OUV3-F30F221	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.

Menachen Stearte

Rabbi Menachem Genack, Rabbinic Administrator, CEO

This certification is valid through 12/31/2024 Page 27 of 32



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

December 07, 2023

Ingredion Incorporated (continued)

This is to certify that the following product(s) prepared by this company at the facilitie(s) listed above 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 Incorporated (continued)			
VITESSENCE Pulse 2550	OUV3-50E84FC	Pareve	U Symbol required.
Approved when produced in USA.			
Brand: PenFord			
• HydroPlete (TM) SN-122	OUV3-R0WDWNG	Pareve	U Symbol required.
• PENBIND 1560	OUV3-J8TECCO	Pareve	U Symbol required.
Brand: Penford Food Ingredients			
• Pen Tech NG	OUV3-DK0PAX9	Pareve	U Symbol required.
• PenBind 959	OUV3-RQ7YTQN	Pareve	U Symbol required.
PenCling 720B	OUV3-29EC281	Pareve	U Symbol required.
• PenCling 745	OUV3-6FACDAA	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.

Menachen Stearte

Rabbi Menachem Genack, Rabbinic Administrator, CEO

This certification is valid through 12/31/2024 Page 28 of 32



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

December 07, 2023

Ingredion Incorporated (continued)

This is to certify that the following product(s) prepared by this company at the facilitie(s) listed above 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: Penford Food Ingredients (continued)			
PenCrisp 905	OUV3-P0OTPM3	Pareve	U Symbol required.
• PenPure 9510	OUV3-PALUF0A	Pareve	U Symbol required.
PenTech 3700	OUV3-CUEIGVC	Pareve	U Symbol required.
• PenTech 8500	OUV3-QJKH9MU	Pareve	U Symbol required.
PenTech 9330	OUV3-IHC4GNP	Pareve	U Symbol required.
PenTech 9380	OUV3-NFPXLQX	Pareve	U Symbol required.
• XT 1852	OUV3-NXVX6AZ	Pareve	U Symbol required.
Brand: Roquette/National Starch Food Innovation			
NUTRIOSE FB06	OUV3-BEDBB54	Pareve	U Symbol required.
Approved when produced in France.			-

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 Stearte

Rabbi Menachem Genack, Rabbinic Administrator, CEO

This certification is valid through 12/31/2024 Page 29 of 32



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

December 07, 2023

Ingredion Incorporated (continued)

This is to certify that the following product(s) prepared by this company at the facilitie(s) listed above 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: Signature Secrets			
Signature Secrets Culinary Thickener	OUV3-86BF402	Pareve	U Symbol required.
<i>Approved when produced in USA. Product produced with prod</i> <i>does not require Rabbi's signature.</i>	luction date after January 15,	2009	
Brand: Tic Gums			
• ACTI Gum 10000EC	OUV3-CQRMFNS	Pareve	U Symbol required.
Action Gum 5000 Powder	OUV3-5WYTEQL	Pareve	U Symbol required.
• CMC 2500 - Raw	OUV3-JQPCXGP	Pareve	U Symbol required.
Colloid Ultrasmooth Powder	OUV3-BCVPSF6	Pareve	U Symbol required.
Dairyblend YG FB 3 Powder	OUV3-0GUBBKO	Pareve	U Symbol required.
• Sala 250 - RAW	OUV3-GD5H4IN	Pareve	U Symbol required.
Saladizer 250 Powder	OUV3-C91QXKE	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.

Menachen Stearte

Rabbi Menachem Genack, Rabbinic Administrator, CEO

This certification is valid through 12/31/2024 Page 30 of 32



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

December 07, 2023

Ingredion Incorporated (continued)

This is to certify that the following product(s) prepared by this company at the facilitie(s) listed above 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: Tic Gums (continued)				
Stabilizer Salt Blend NBE - A3032B	OUV3-TAP7YT4	Pareve	U Symbol required.	
• Tara Gum Powder	OUV3-EU4D33N	Pareve	U Symbol required.	
• TICA 5415 - Raw	OUV3-5JIFTX3	Pareve	U Symbol required.	
TICAGEL CSW-100 Powder	OUV3-6CADAOE	Pareve	U Symbol required.	
Ticaloid 1023 T Fine Powder	OUV3-VJVEPMP	Pareve	U Symbol required.	
Ticaloid CF-29876	OUV3-8JTFOTW	Pareve	U Symbol required.	
Ticaloid Icing RTU	OUV3-PK0LMUH	Pareve	U Symbol required.	
TICALOID LITE Powder	OUV3-CMYBQLQ	Pareve	U Symbol required.	
Ticalose 2500 F Powder	OUV3-HFFQX8J	Pareve	U Symbol required.	
TICALOSE 6000 F Powder	OUV3-XZNALWB	Pareve	U Symbol required.	
• TicaPAN 311	OUV3-OVP1XHN	Pareve	U Symbol required.	
• TicaPAN 311 - NGMO	OUV3-9DRSFYW	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 Stearte

Rabbi Menachem Genack, Rabbinic Administrator, CEO

This certification is valid through 12/31/2024 Page 31 of 32



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

December 07, 2023

Ingredion Incorporated (continued)

This is to certify that the following product(s) prepared by this company at the facilitie(s) listed above 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: Tic Gums (continued)			
TicaPAN Quick Crunch	OUV3-BEO3ACD	Pareve	U Symbol required.
• Tixacan (R) Xanthan 531 Powder	OUV3-GRJXDNJ	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.

Menachen Stearte

Rabbi Menachem Genack, Rabbinic Administrator, CEO

This certification is valid through 12/31/2024 Page 32 of 32