



ORTHODOX UNION

LETTER OF KOSHER CERTIFICATION

בס"ד

UNION OF ORTHODOX JEWISH CONGREGATIONS OF AMERICA איחוד קהילות האורתודוקסים באמריקה
 FORTY RECTOR STREET / NEW YORK, NY 10006 / 212-613-8241 / KOSHERLETTER@OU.ORG / OUKOSHER.ORG

April 27, 2023

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

Emerald Kalama Chemical, LLC, 1296 3rd St. NW, Kalama, WA 98625

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: Emerald Performance Materials			
• Kalama® 3-Phenyl Propanol FCC	OUW3-F4804FD	Pareve	Ⓢ Symbol required. Certified for Passover and year-round use.
• Kalama® Amyl Cinnamic Aldehyde	OUW3-C879F4F	Pareve	Ⓢ Symbol required. Certified for Passover and year-round use.
• Kalama® Benzaldehyde FCC	OUW3-3F501AD	Pareve	Ⓢ Symbol required. Certified for Passover and year-round use.
• Kalama® Benzoic Acid	OUW3-2F22F54	Pareve	Ⓢ Symbol required. Certified for Passover and year-round use.
• Kalama® Benzyl Alcohol NF/FCC	OUW3-8DB0E66	Pareve	Ⓢ Symbol 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*

This certification is valid through 04/30/2024

Page 1 of 7



ORTHODOX UNION

LETTER OF KOSHER CERTIFICATION

בס"ד

UNION OF ORTHODOX JEWISH CONGREGATIONS OF AMERICA איחוד קהילות האורתודוקסים באמריקה
FORTY RECTOR STREET / NEW YORK, NY 10006 / 212-613-8241 / KOSHERLETTER@OU.ORG / OUKOSHER.ORG

April 27, 2023

Emerald Kalama Chemical, LLC (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: Emerald Performance Materials (continued)			
• Kalama® Benzyl Alcohol NF-Parenteral	OUW3-07A5A22	Pareve	Ⓢ Symbol required. Certified for Passover and year-round use.
• Kalama® Benzyl Benzoate USP/FCC	OUW3-11EFDDE	Pareve	Ⓢ Symbol required. Certified for Passover and year-round use.
• Kalama® C-10 Aldehyde FCC	OUW3-5F6B6E0	Pareve	Ⓢ Symbol required. Certified for Passover and year-round use.
• Kalama® C-6 Aldehyde FCC	OUW3-7454FA7	Pareve	Ⓢ Symbol required. Certified for Passover and year-round use.
• Kalama® C-8 Aldehyde FCC	OUW3-234DE38	Pareve	Ⓢ Symbol 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*

This certification is valid through 04/30/2024

Page 2 of 7



ORTHODOX UNION

LETTER OF KOSHER CERTIFICATION

בס"ד

UNION OF ORTHODOX JEWISH CONGREGATIONS OF AMERICA איחוד קהילות האורתודוקסים באמריקה
FORTY RECTOR STREET / NEW YORK, NY 10006 / 212-613-8241 / KOSHERLETTER@OU.ORG / OUKOSHER.ORG

April 27, 2023

Emerald Kalama Chemical, LLC (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: Emerald Performance Materials (continued)			
• Kalama® Cinnamic Alcohol FCC	OUW3-761288E	Pareve	Ⓢ Symbol required. Certified for Passover and year-round use.
• Kalama® Cinnamic Aldehyde FCC	OUW3-23A373B	Pareve	Ⓢ Symbol required. Certified for Passover and year-round use.
• Kalama® Hexyl Cinnamic Aldehyde	OUW3-08E943D	Pareve	Ⓢ Symbol required. Certified for Passover and year-round use.
• Kalama® Hexyl Cinnamic Aldehyde	OUW4-69F3A03	Pareve	Certified when bulk shipped in OU approved carriers. 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*

This certification is valid through 04/30/2024



ORTHODOX UNION

LETTER OF KOSHER CERTIFICATION

בס"ד

UNION OF ORTHODOX JEWISH CONGREGATIONS OF AMERICA איחוד קהילות האורתודוקסים באמריקה
 FORTY RECTOR STREET / NEW YORK, NY 10006 / 212-613-8241 / KOSHERLETTER@OU.ORG / OUKOSHER.ORG

April 27, 2023

Emerald Kalama Chemical, LLC (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: Emerald Performance Materials (continued)			
• Kalama® K-FLEX® 500	OUW3-1A3ADEB	Pareve	Ⓢ Symbol required. Certified for Passover and year-round use.
• Kalama® K-FLEX® 500	OUW4-F3A2308	Pareve	Certified when bulk shipped in OU approved carriers. Certified for Passover and year-round use.
• Kalama® K-FLEX® 500P	OUW3-0RNH3IC	Pareve	Ⓢ Symbol required. Certified for Passover and year-round use.
• Kalama® K-FLEX® 500P	OUW4-C8B9CED	Pareve	Certified when bulk shipped in OU approved carriers. 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*

This certification is valid through 04/30/2024



ORTHODOX UNION

LETTER OF KOSHER CERTIFICATION

בס"ד

UNION OF ORTHODOX JEWISH CONGREGATIONS OF AMERICA איחוד קהילות האורתודוקסים באמריקה
FORTY RECTOR STREET / NEW YORK, NY 10006 / 212-613-8241 / KOSHERLETTER@OU.ORG / OUKOSHER.ORG

April 27, 2023

Emerald Kalama Chemical, LLC (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: Emerald Performance Materials (continued)			
• Kalama® K-FLEX® 850S	OUW3-TLOSWG	Pareve	Ⓢ Symbol required. Certified for Passover and year-round use.
• Kalama® K-FLEX® 850S	OUW4-021173F	Pareve	Certified when bulk shipped in OU approved carriers. Certified for Passover and year-round use.
• Kalama® K-FLEX® DP	OUW3-359BD74	Pareve	Ⓢ Symbol required. Certified for Passover and year-round use.
• Kalama® K-FLEX® DP	OUW4-FDC08D1	Pareve	Certified when bulk shipped in OU approved carriers. 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*

This certification is valid through 04/30/2024



ORTHODOX UNION

LETTER OF KOSHER CERTIFICATION

בס"ד

UNION OF ORTHODOX JEWISH CONGREGATIONS OF AMERICA איחוד קהילות האורתודוקסים באמריקה
FORTY RECTOR STREET / NEW YORK, NY 10006 / 212-613-8241 / KOSHERLETTER@OU.ORG / OUKOSHER.ORG

April 27, 2023

Emerald Kalama Chemical, LLC (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: Emerald Performance Materials (continued)			
• Kalama® K-FLEX® PG	OUW3-CX9VX7M	Pareve	Ⓢ Symbol required. Certified for Passover and year-round use.
• Kalama® K-FLEX® PG	OUW4-BCE8D7C	Pareve	Certified when bulk shipped in OU approved carriers. Certified for Passover and year-round use.
• Kalama® Methyl Benzoate FCC	OUW3-EC3F83C	Pareve	Ⓢ Symbol required. Certified for Passover and year-round use.
• Kalama® Methyl Cinnamic Aldehyde FCC	OUW3-BEE8920	Pareve	Ⓢ Symbol 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*

This certification is valid through 04/30/2024



ORTHODOX UNION

LETTER OF KOSHER CERTIFICATION

UNION OF ORTHODOX JEWISH CONGREGATIONS OF AMERICA איחוד קהילות האורתודוקסים באמריקה
FORTY RECTOR STREET / NEW YORK, NY 10006 / 212-613-8241 / KOSHERLETTER@OU.ORG / OUKOSHER.ORG

בס"ד

April 27, 2023

Emerald Kalama Chemical, LLC (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: Emerald Performance Materials (continued)			
• Kalama® Potassium Benzoate FCC	OUW3-9EC401D	Pareve	Ⓢ Symbol required. Certified for Passover and year-round use.
• Kalama® Sodium Benzoate NF/FCC	OUW3-749126B	Pareve	Ⓢ Symbol 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*

This certification is valid through 04/30/2024