



# 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

November 02, 2021

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

**Advanced Biotech Inc., 10 Taft Road, Totowa, NJ 07512**

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

**Advanced Biotech Inc., 10 Taft Road, Totowa, NJ**

Product Name	UKD-ID	Status	Certification Requirements
<b>Brand: Advanced Biotech</b>			
• 2001 Methyl Thiobutyrate Synthetic	OUV3-EC1L20A	Pareve	Ⓢ Symbol required.
• 2002 Myristic Acid Synthetic	OUV3-EP7UFV6	Pareve	Ⓢ Symbol required.
• 2003 Savory Complex Synthetic	OUV3-DPDMAGI	Pareve	Ⓢ Symbol required.
• 2004 3 Mercapto-2-butanone	OUV3-WVI8HCM	Pareve	Ⓢ Symbol required.
• 2005 Maltol Synthetic	OUV3-PECE5ES	Pareve	Ⓢ Symbol required.
• 2009 Aldehyde C 14 Fcc** (gamma Undecalatone 1008)	OUV3-02FALT6	Pareve	Ⓢ Symbol required.
• 2010 Acetic Acid Synthetic	OUV3-GM9BDE2	Pareve	Ⓢ Symbol required.
• 2011 Furfural Synthetic	OUV3-9RIFGK3	Pareve	Ⓢ Symbol required.
• 2012 Delta Decalactone Synthetic	OUV3-M2OQDJL	Pareve	Ⓢ Symbol required.
• 2013 Delta Dodecalactone Synthetic	OUV3-NSVQIYJ	Pareve	Ⓢ 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.

Rabbi Menachem Genack, *Rabbinic Administrator, CEO*

**This certification is valid through 11/30/2022**

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**Advanced Biotech Inc. (continued)**

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Product Name	UKD-ID	Status	Certification Requirements
<b>Brand: Advanced Biotech (continued)</b>			
• 2014 Ethyl Vanillin Synthetic	OUV3-UHB9IDF	Pareve	Ⓢ Symbol required.
• 2017 2 Methyl 2 Pentenoic Acid Synthetic	OUV3-4TTBI0X	Pareve	Ⓢ Symbol required.
• 2019 2 4 Decadienal Synthetic	OUV3-SZF0W0V	Pareve	Ⓢ Symbol required.
• 2022 5 Methyl 2 Phenyl 2 Hexenal Synthetic	OUV3-ZOIDO7G	Pareve	Ⓢ Symbol required.
• 2023 Acetaldehyde 100% Synthetic	OUV3-HWXRZGQ	Pareve	Ⓢ Symbol required.
• 2024 Acetaldehyde 50% Etoh Synthetic	OUV3-DAHSBRG	Pareve	Ⓢ Symbol required.
• 2025 Acetyl Propionyl Synthetic	OUV3-ROXHQJE	Pareve	Ⓢ Symbol required.
• 2028 Anisyl Acetone Synthetic	OUV3-E8C1LMK	Pareve	Ⓢ Symbol required.
• 2029 Capric Acid Synthetic	OUV3-TAWAIRP	Pareve	Ⓢ Symbol required.
• 2030 Caproic Acid Synthetic	OUV3-T6BASFJ	Pareve	Ⓢ Symbol required.
• 2031 Caprylic Acid Synthetic	OUV3-GQNJTGH	Pareve	Ⓢ Symbol required.
• 2033 Cyclotene Anhydrous Synthetic	OUV3-4RRAHIN	Pareve	Ⓢ Symbol required.

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**Advanced Biotech Inc. (continued)**

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Product Name	UKD-ID	Status	Certification Requirements
<b>Brand: Advanced Biotech (continued)</b>			
• 2034 Methyl 3 Nonenoate Synthetic	OUV3-GL4L9MX	Pareve	Ⓢ Symbol required.
• 2038 Dimethyl Benzyl Carbinyl Butyr	OUV3-KPY4GTQ	Pareve	Ⓢ Symbol required.
• 2039 Ethyl 3 Hydroxy Butyrate Synthetic	OUV3-9S JL49F	Pareve	Ⓢ Symbol required.
• 2040 Ethyl Maltol Synthetic	OUV3-8BJCWPU	Pareve	Ⓢ Symbol required.
• 2048 Lactic Acid Synthetic	OUV3-JXFUJRN	Pareve	Ⓢ Symbol required.
• 2049 Lauric Acid Synthetic	OUV3-RYZKDN7	Pareve	Ⓢ Symbol required.
• 2050 Acetaldehyde 50% In 5 Fold Orange Oil Synthetic	OUV3-LWDTMKY	Pareve	Ⓢ Symbol required.
• 2052 Palmitic Acid Synthetic	OUV3-XU4C8SU	Pareve	Ⓢ Symbol required.
• 2055 Propenyl Guaethol Synthetic	OUV3-HENDOBL	Pareve	Ⓢ Symbol required.
• 2057 Pulegone Mercaptan Synthetic	OUV3-SXATZ35	Pareve	Ⓢ Symbol required.
• 2058 Raspberry Ketone Synthetic	OUV3-MAAJXRQ	Pareve	Ⓢ Symbol required.
• 2059 FURANONE SYNTHETIC	OUV3-MGIKWHI	Pareve	Ⓢ Symbol required.

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**Advanced Biotech Inc. (continued)**

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Product Name	UKD-ID	Status	Certification Requirements
<b>Brand: Advanced Biotech (continued)</b>			
• 2060 Triethyl Citrate Synthetic	OUV3-GZM2MXY	Pareve	Ⓢ Symbol required.
• 2063 Vanillin Synthetic	OUV3-XLEU50G	Pareve	Ⓢ Symbol required.
• 2068 Furanone 10% Pg Synthetic	OUV3-4KMFWDI	Pareve	Ⓢ Symbol required.
• 2068 Strawberry Furanone 10%	OUV3-NL7HJDJ	Pareve	Ⓢ Symbol required.
• 2069 Furanone 12% Pg Synthetic	OUV3-AJEKETM	Pareve	Ⓢ Symbol required.
• 2070 Furanone 15% Pg Synthetic	OUV3-LTLTUXR	Pareve	Ⓢ Symbol required.
• 2071 Furanone 20% Pg Synthetic	OUV3-8OEDNY8	Pareve	Ⓢ Symbol required.
• 2072 Furanone 25% Pg Synthetic	OUV3-8QLAQ15	Pareve	Ⓢ Symbol required.
• 2072 Furanone 25% Pg Synthetic	OUV3-TTHTJKD	Pareve	Ⓢ Symbol required.
• 2073 Acetaldehyde 50% In Benzyl Benzoate Synthetic	OUV3-WH5E9QA	Pareve	Ⓢ Symbol required.
• 2076 Ethyl Furanone 10% Pg Synthetic	OUV3-JCLKFXI	Pareve	Ⓢ Symbol required.
• 2077 Acetoin Powder Synthetic	OUV3-970KQEY	Pareve	Ⓢ Symbol required.

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Product Name	UKD-ID	Status	Certification Requirements
<b>Brand: Advanced Biotech (continued)</b>			
• 2078 6 Methyl Coumarin Synthetic	OUV3-204QKPU	Pareve	Ⓢ Symbol required.
• 2079 Caramel Furanone Synthetic	OUV3-5FCZODT	Pareve	Ⓢ Symbol required.
• 2081 Acetaldehyde 60% In Pg Syn.	OUV3-KQFCH9W	Pareve	Ⓢ Symbol required.
• 2085 Mesifuran Synthetic	OUV3-YJFNWA2	Pareve	Ⓢ Symbol required.
• 2088 4 Methyl Guaiacol Synthetic	OUV3-NPPHKFV	Pareve	Ⓢ Symbol required.
• 2093 Maple Furanone Synthetic	OUV3-ARFHFMZ	Pareve	Ⓢ Symbol required.
• 2094 Methyl Caproate Synthetic	OUV3-MIL3FB0	Pareve	Ⓢ Symbol required.
• 2096 Chicory Furanone 5% Pg Synthetic	OUV3-KA6VFRV	Pareve	Ⓢ Symbol required.
• 2098 Ethyl Oleate Synthetic	OUV3-YG9RFV8	Pareve	Ⓢ Symbol required.
• 2099 Caramel Furanone 3% Pg Synthetic	OUV3-HGYJK0C	Pareve	Ⓢ Symbol required.
• 2103 Methyl Salicylate Synthetic	OUV3-RHW3FTP	Pareve	Ⓢ Symbol required.
• 2104 Furfuryl Alcohol Synthetic	OUV3-GWKX7NF	Pareve	Ⓢ Symbol required.

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### Advanced Biotech Inc. (continued)

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Product Name	UKD-ID	Status	Certification Requirements
<b>Brand: Advanced Biotech (continued)</b>			
• 2105 Maltol 5% In Lactic Acid Solut	OUV3-GWNYHPU	Pareve	Ⓢ Symbol required.
• 2109 Acetaldehyde 50% In Orange Oil Synthetic	OUV3-QITPCE6	Pareve	Ⓢ Symbol required.
• 2110 Furanone 3% Oil Soluble	OUV3-Q5WPQVI	Pareve	Ⓢ Symbol required.
• 2111 Thiogeraniol Synthetic	OUV3-5XNM0V2	Pareve	Ⓢ Symbol required.
• 2114 Mesifuran 20% Pg Synthetic	OUV3-IDJLATX	Pareve	Ⓢ Symbol required.
• 2116 Gamma Valerolactone Synthetic	OUV3-1CHM0GE	Pareve	Ⓢ Symbol required.
• 2117 Maple Furanone 3% Pg Synthetic	OUV3-8IOFGVK	Pareve	Ⓢ Symbol required.
• 2119 Amberol	OUV3-FQSXFMT	Pareve	Ⓢ Symbol required.
• 2220 Maltol Isobutyrate Synthetic	OUV3-G62SWD5	Pareve	Ⓢ Symbol required.
• 2221 Koolada-ml Synthetic	OUV3-GW6NMN6	Pareve	Ⓢ Symbol required.
• 2223 Diethyl Succinate Synthetic	OUV3-GACVN5K	Pareve	Ⓢ Symbol required.
• 2224 Dimethyl Succinate Synthetic	OUV3-EWYV9SP	Pareve	Ⓢ Symbol required.

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Product Name	UKD-ID	Status	Certification Requirements
<b>Brand: Advanced Biotech (continued)</b>			
• 2225 Phenyl Ethyl Isothiocyanate Synthetic	OUV3-UASHYIH	Pareve	Ⓢ Symbol required.
• 2226 Chicory Furanone Synthetic	OUV3-YHI3SUU	Pareve	Ⓢ Symbol required.
• 2227 Ethyl Furanone Synthetic	OUV3-XI4OOQJ	Pareve	Ⓢ Symbol required.
• 2228 Pyruvic Acid Synthetic	OUV3-APRLECY	Pareve	Ⓢ Symbol required.
• 2230 Methyl Mercaptan 10% Tec Syn.	OUV3-LR2FTE7	Pareve	Ⓢ Symbol required.
• 2231 Methyl Mercaptan Synthetic	OUV3-RUHCM3G	Pareve	Ⓢ Symbol required.
• 2232 Trithioacetone Synthetic	OUV3-IJODOMT	Pareve	Ⓢ Symbol required.
• 2233 Benzo Dihydropyrone Synthetic	OUV3-YFNJCSR	Pareve	Ⓢ Symbol required.
• 2234 Melon Aldehyde Synthetic	OUV3-BCN6XRV	Pareve	Ⓢ Symbol required.
• 2235 Ethyl 3 Hydroxy Caproate Synthetic	OUV3-ND8KYQV	Pareve	Ⓢ Symbol required.
• 2236 Ethyl Acetate Synthetic	OUV3-Q9014IX	Pareve	Ⓢ Symbol required.
• 2237 Furanone Acetate Synthetic	OUV3-DOVR1SX	Pareve	Ⓢ Symbol required.

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Product Name	UKD-ID	Status	Certification Requirements
<b>Brand: Advanced Biotech (continued)</b>			
• 2238 Triacetin Synthetic	OUV3-L1HNMJ3	Pareve	Ⓢ Symbol required.
• 2239 1-octen-3-ol Synthetic	OUV3-28DU3Q2	Pareve	Ⓢ Symbol required.
• 2240 Acetoin Liquid Synthetic	OUV3-97HSPW6	Pareve	Ⓢ Symbol required.
• 2241 Ethyl Furanone 20% Pg Synthetic	OUV3-IB8D4CT	Pareve	Ⓢ Symbol required.
• 2242 POPCORN PYRIMIDINE 0.1% ETOH SYNTHETIC	OUV3-X1A21TU	Pareve	Ⓢ Symbol required.
• 2246 Walnut Furanone Synthetic	OUV3-LX6RN7F	Pareve	Ⓢ Symbol required.
• 2247 5 Methyl-2-hepten-4-one Synthetic	OUV3-GHJMQGN	Pareve	Ⓢ Symbol required.
• 2248 Grape Methyl Anthranilate	OUV3-KOA9YUC	Pareve	Ⓢ Symbol required.
• 2249 Phenyl Ethyl Acetate	OUV3-IX0J5VX	Pareve	Ⓢ Symbol required.
• 2250 Phenyl Ethyl Alcohol Syn.	OUV3-MX9KRKC	Pareve	Ⓢ Symbol required.
• 2251 Trans 2 Hexenal Synthetic	OUV3-YQS90DT	Pareve	Ⓢ Symbol required.
• 2253 Whiskey Lactone Synthetic	OUV3-8EET8EF	Pareve	Ⓢ Symbol required.

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Product Name	UKD-ID	Status	Certification Requirements
<b>Brand: Advanced Biotech (continued)</b>			
• 2254 Beta Damascenone Syn.	OUV3-3SBFQCK	Pareve	Ⓢ Symbol required.
• 2254 Beta Damascenone Synthetic	OUV3-BU4JPRE	Pareve	Ⓢ Symbol required.
• 2255 Koolada-3 Synthetic	OUV3-QXP1NWI	Pareve	Ⓢ Symbol required.
• 2256 Triplal Synthetic	OUV3-KKM0LK5	Pareve	Ⓢ Symbol required.
• 2257 Butyl Butyryl Lactate Synthetic	OUV3-4QWKYE6	Pareve	Ⓢ Symbol required.
• 2258 Furanone 20% Etoh Synthetic	OUV3-FQPXTSI	Pareve	Ⓢ Symbol required.
• 2259 Koolada-23 Synthetic	OUV3-ZQO2IEN	Pareve	Ⓢ Symbol required.
• 2262 Koolada - Obma Syn.(isopulego	OUV3-WGZ93TX	Pareve	Ⓢ Symbol required.
• 2263 Gamma Dodecalactone Syn.	OUV3-GW2ZV9M	Pareve	Ⓢ Symbol required.
• 2264 Aldegen Liquid Synthetic	OUV3-MGAE0KS	Pareve	Ⓢ Symbol required.
• 2265 Beta Damascone Synthetic	OUV3-DUGKJBA	Pareve	Ⓢ Symbol required.
• 2267 Succinic Acid Synthetic	OUV3-DOCHEKG	Pareve	Ⓢ Symbol required.

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Product Name	UKD-ID	Status	Certification Requirements
<b>Brand: Advanced Biotech (continued)</b>			
• 2268 Alpha Terpineol Synthetic	OUV3-YI5SIBW	Pareve	Ⓢ Symbol required.
• 2269 Heliotropine Synthetic	OUV3-PYQ4LRS	Pareve	Ⓢ Symbol required.
• 2270 Butter Enhancer Synthetic	OUV3-8KEY62G	Pareve	Ⓢ Symbol required.
• 2271 Aldegen Powder Synthetic	OUV3-MGUSIAE	Pareve	Ⓢ Symbol required.
• 2273 Artificial Flavors (fixolide)	OUV3-NISPE6M	Pareve	Ⓢ Symbol required.
• 2275 Florial Synthetic	OUV3-4NA0IYX	Pareve	Ⓢ Symbol required.
• 2276 Artificial Flavors (dark Base)	OUV3-NOQK8EF	Pareve	Ⓢ Symbol required.
• 2277 Alpha Damascone Synthetic	OUV3-OSIMXPE	Pareve	Ⓢ Symbol required.
• 2278 2 Methyl Butyric Acid Synthetic	OUV3-LN6MXRF	Pareve	Ⓢ Symbol required.
• 2279 Ethyl 2 Methylbutyrate Synthetic	OUV3-2NIELW9	Pareve	Ⓢ Symbol required.
• 2280 Delta Undecalactone Synthetic	OUV3-HWJHV9H	Pareve	Ⓢ Symbol required.
• 2283 Ethyl Furanone 20% In Triacetin Synthetic	OUV3-XQLVTRQ	Pareve	Ⓢ Symbol required.

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Product Name	UKD-ID	Status	Certification Requirements
<b>Brand: Advanced Biotech (continued)</b>			
• 2287 Gamma Butyrolactone Synthetic	OUV3-IDIBSGC	Pareve	Ⓢ Symbol required.
• 2288 Methyl Caprylate Synthetic	OUV3-VH4R6VS	Pareve	Ⓢ Symbol required.
• 2289 Cis 3 Hexenol Synthetic	OUV3-ICPQ1SH	Pareve	Ⓢ Symbol required.
• 2290 Cis 3 Hexenyl Acetate Synthetic	OUV3-CCYNU16	Pareve	Ⓢ Symbol required.
• 2291 Cis 3 Hexenyl Salicylate Synthetic	OUV3-O1GVNA7	Pareve	Ⓢ Symbol required.
• 2292 Cis 3 Hexenyl Butyrate Synthetic	OUV3-4LSA4PJ	Pareve	Ⓢ Symbol required.
• 2293 Muskeynone	OUV3-97F2VJC	Pareve	Ⓢ Symbol required.
• 2298 Koolada 12 Synthetic	OUV3-1TRTWVB	Pareve	Ⓢ Symbol required.
• 2299 Koolada Mms Synthetic	OUV3-ENMKFGJ	Pareve	Ⓢ Symbol required.
• 2300 BACONAL SYNTHETIC	OUV3-OYEPYAO	Pareve	Ⓢ Symbol required.
• 2301 SUCCINIC ACID CRYSTALS SYNTHETIC	OUV3-FEMUFX2	Pareve	Ⓢ Symbol required.
• 2302 CIS 3 HEXENYL FORMATE	OUV3-JJ1TVJY	Pareve	Ⓢ Symbol required.

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Product Name	UKD-ID	Status	Certification Requirements
<b>Brand: Advanced Biotech (continued)</b>			
• 2305 POPCORN PYRIMIDINE 0.1% TAC SYNTHETIC	OUV3-EX3NG7T	Pareve	Ⓢ Symbol required.
• 2306 T2,C6 NONADIENOL 1% TAC SYNTHETIC	OUV3-NXQ4RFY	Pareve	Ⓢ Symbol required.

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