



# 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

October 25, 2022

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>			
• 1001 Iso Butyraldehyde Natural	OUV3-U0HCGIB	Pareve	Ⓢ Symbol required.
• 1002 Dimethyl Sulfide Natural	OUV3-8DKRPUD	Pareve	Ⓢ Symbol required.
• 1003 Dimethyl Sulfide 5% Natural	OUV3-F7MCCSH	Pareve	Ⓢ Symbol required.
• 1004 Dimethyl Sulfide 5% Ethyl Acetate	OUV3-7HPL7AP	Pareve	Ⓢ Symbol required.
• 1005 Ethyl Pelargonate Natural	OUV3-FUMW6MT	Pareve	Ⓢ Symbol required.
• 1006 Ethyl Pyruvate Natural	OUV3-TRRXASZ	Pareve	Ⓢ Symbol required.
• 1007 Eugenol Natural	OUV3-TLJYQOR	Pareve	Ⓢ Symbol required.
• 1008 Gamma Undecalactone Natural	OUV3-L9CWEQK	Pareve	Ⓢ Symbol required.
• 1009 Ionone Natural	OUV3-TCHAA67	Pareve	Ⓢ Symbol required.
• 1010 Peach Mercaptan 3% Etoh	OUV3-UKGMM9C	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 11/30/2023**



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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>			
• 1012 Alpha Ionone Natural	OUV3-GPCOGIN	Pareve	Ⓢ Symbol required.
• 1013 Beta Ionone Natural	OUV3-H0LTX0C	Pareve	Ⓢ Symbol required.
• 1015 Trans 2 Nonenal 1% Etoh Nat	OUV3-GVMBZIN	Pareve	Ⓢ Symbol required.
• 1016 Trans 2 Nonenal 1% Triacetin N	OUV3-CNL6TS6	Pareve	Ⓢ Symbol required.
• 1017 Neryl Acetate Natural	OUV3-9NLXQKJ	Pareve	Ⓢ Symbol required.
• 1018 DELTA DECALACTONE EU NATURAL	OUV3-IXEABMP	Pareve	Ⓢ Symbol required.
• 1019 Gamma Dodecalactone Natural	OUV3-SJ2GXK8	Pareve	Ⓢ Symbol required.
• 1020 Allyl Heptoate Natural	OUV3-54B9QCL	Pareve	Ⓢ Symbol required.
• 1021 Furfuryl Propionate Natural	OUV3-0VJ07PP	Pareve	Ⓢ Symbol required.
• 1022 Furfuryl Alcohol Natural	OUV3-40H9HCY	Pareve	Ⓢ Symbol required.
• 1023 Furfuryl Mercaptan Natural	OUV3-GTTPWI	Pareve	Ⓢ Symbol required.
• 1024 Thio Menthone Natural	OUV3-LIKDJRL	Pareve	Ⓢ Symbol required.

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Product Name	UKD-ID	Status	Certification Requirements
<b>Brand: Advanced Biotech (continued)</b>			
• 1025 Thio Menthone 5% In Etoh Natural	OUV3-D9TICQY	Pareve	Ⓢ Symbol required.
• 1026 Thio Menthone 1% Etoh Natural	OUV3-MMT6H7I	Pareve	Ⓢ Symbol required.
• 1027 Butyl Butyryl Lactate Natural	OUV3-EUWX48A	Pareve	Ⓢ Symbol required.
• 1028 Butyl Lactate Natural	OUV3-H4NLYC7	Pareve	Ⓢ Symbol required.
• 1029 Butyl Butyrate Natural	OUV3-LNKYIXV	Pareve	Ⓢ Symbol required.
• 1030 Iso Amyl Salicylate Natural	OUV3-T4ZJEPN	Pareve	Ⓢ Symbol required.
• 1031 Acetaldehyde 10% In Etoh Natural	OUV3-GZJTJTK	Pareve	Ⓢ Symbol required.
• 1032 Phenyl Ethyl Acetate Natural	OUV3-B15P9JY	Pareve	Ⓢ Symbol required.
• 1033 Methyl Anthranilate Natural	OUV3-3DAL17B	Pareve	Ⓢ Symbol required.
• 1034 Malto-praline Extra Natural	OUV3-36O15NP	Pareve	Ⓢ Symbol required.
• 1035 Green Key Nat	OUV3-OBDOVOL	Pareve	Ⓢ Symbol required.
• 1036 Guaiacol Natural	OUV3-EXBTJYD	Pareve	Ⓢ Symbol required.

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Product Name	UKD-ID	Status	Certification Requirements
<b>Brand: Advanced Biotech (continued)</b>			
• 1037 Octyl Acetate Natural	OUV3-RMHNYI6	Pareve	Ⓢ Symbol required.
• 1038 Octyl Butyrate Natural	OUV3-SZSO7XT	Pareve	Ⓢ Symbol required.
• 1039 Octyl Propionate Natural	OUV3-ACPCPBG	Pareve	Ⓢ Symbol required.
• 1040 Octanal Natural	OUV3-MV76S43	Pareve	Ⓢ Symbol required.
• 1041 Octanol Natural	OUV3-NLFEL9G	Pareve	Ⓢ Symbol required.
• 1043 Octanal 50% In Orange Oil Natural	OUV3-CVNIYI6	Pareve	Ⓢ Symbol required.
• 1044 Caprylic Acid Natural	OUV3-OTKR0HR	Pareve	Ⓢ Symbol required.
• 1045 Ethyl Butyrate Natural	OUV3-S1PLDOZ	Pareve	Ⓢ Symbol required.
• 1046 Vanilla Complex Natural	OUV3-MMEMH0S	Pareve	Ⓢ Symbol required.
• 1047 Ethyl Benzoate Natural	OUV3-AR0FA9C	Pareve	Ⓢ Symbol required.
• 1048 Ethyl Levulinate Natural	OUV3-JLM6UPW	Pareve	Ⓢ Symbol required.
• 1049 Raspberry Ketone Natural	OUV3-FCFHY5C	Pareve	Ⓢ Symbol required.

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Product Name	UKD-ID	Status	Certification Requirements
<b>Brand: Advanced Biotech (continued)</b>			
• 1051 Savory Complex Natural	OUV3-ICFT1Y2	Pareve	Ⓢ Symbol required.
• 1053 Malto-praline Natural	OUV3-FVGIPPQ	Pareve	Ⓢ Symbol required.
• 1054 Malto-praline Os Natural	OUV3-AEJA5GV	Pareve	Ⓢ Symbol required.
• 1055 Peach Mercaptan 10% Etoh Natural	OUV3-IGYSK6H	Pareve	Ⓢ Symbol required.
• 1056 Peach Mercaptan Natural	OUV3-KJGBGIA	Pareve	Ⓢ Symbol required.
• 1057 Acetaldehyde 50% In Orange Oil Natural	OUV3-OOY0LAL	Pareve	Ⓢ Symbol required.
• 1058 Strawberry Furanone Natural	OUV3-UPKW5CI	Pareve	Ⓢ Symbol required.
• 1059 Allyl Caproate Natural	OUV3-X84HLCS	Pareve	Ⓢ Symbol required.
• 1060 Heptanoic Acid Natural	OUV3-A7D2MM5	Pareve	Ⓢ Symbol required.
• 1061 Ethyl Oleate Natural	OUV3-YTCJNLO	Pareve	Ⓢ Symbol required.
• 1062 Anethole Natural	OUV3-CJKIDSR	Pareve	Ⓢ Symbol required.
• 1063 Alpha Terpineol Natural	OUV3-O93CBTX	Pareve	Ⓢ Symbol required.

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Product Name	UKD-ID	Status	Certification Requirements
<b>Brand: Advanced Biotech (continued)</b>			
• 1064 Benzyl Butyrate Natural	OUV3-OMNAMFS	Pareve	Ⓢ Symbol required.
• 1065 Iso Amyl Caproate Natural	OUV3-UEK59OL	Pareve	Ⓢ Symbol required.
• 1066 Benzyl Benzoate Natural	OUV3-AIIG1TM	Pareve	Ⓢ Symbol required.
• 1067 Coffeetone Natural	OUV3-VMSJM7W	Pareve	Ⓢ Symbol required.
• 1068 2 Heptanone Natural	OUV3-KG6ACBH	Pareve	Ⓢ Symbol required.
• 1069 Coffeetone 2000 Natural	OUV3-WLWEC94	Pareve	Ⓢ Symbol required.
• 1070 Pyruvic Acid Natural	OUV3-CXWITNF	Pareve	Ⓢ Symbol required.
• 1071 Anisyl Acetone Natural	OUV3-7BEO6TZ	Pareve	Ⓢ Symbol required.
• 1072 Ethyl Myristate Natural	OUV3-I9F8GXO	Pareve	Ⓢ Symbol required.
• 1073 Butanol Natural	OUV3-OWEGKZ6	Pareve	Ⓢ Symbol required.
• 1074 Butyraldehyde Natural	OUV3-RPOHSIP	Pareve	Ⓢ Symbol required.
• 1075 Furanone 20% Pg Natural	OUV3-DYLPWXN	Pareve	Ⓢ Symbol required.

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Product Name	UKD-ID	Status	Certification Requirements
<b>Brand: Advanced Biotech (continued)</b>			
• 1076 2 Methyl Butyraldehyde Natural	OUV3-LGSW6QT	Pareve	Ⓢ Symbol required.
• 1077 Furanone 15% Pg Natural	OUV3-NRQBPOQ	Pareve	Ⓢ Symbol required.
• 1078 Isojasmone Natural	OUV3-E0FMJCP	Pareve	Ⓢ Symbol required.
• 1080 Benzyl Formate Natural	OUV3-LZKFXGQ	Pareve	Ⓢ Symbol required.
• 1081 Dairy Complex Natural	OUV3-B0NCAJ5	Pareve	Ⓢ Symbol required.
• 1082 Ethyl Propionate Natural	OUV3-QOWKNEQ	Pareve	Ⓢ Symbol required.
• 1083 Decanal Natural 50% Etoh	OUV3-TO2NTYS	Pareve	Ⓢ Symbol required.
• 1084 Isoamyl Propionate Natural	OUV3-JRSEDS0	Pareve	Ⓢ Symbol required.
• 1085 Oleic Acid Natural	OUV3-RNMLL49	Pareve	Ⓢ Symbol required.
• 1086 Vanillin Ex Vanilla Bean Natural	OUV3-JJNTH6	Pareve	Ⓢ Symbol required.
• 1087 Methyl Ketones Mix (blue Cheese Type) Natural	OUV3-9B6YFFS	Pareve	Ⓢ Symbol required.
• 1088 Butyric Acid Natural	OUV3-GLSFR4K	Pareve	Ⓢ Symbol required.

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Product Name	UKD-ID	Status	Certification Requirements
<b>Brand: Advanced Biotech (continued)</b>			
• 1089 2 METHYL BUTYRIC ACID EU NATURAL	OUV3-GFB8FHD	Pareve	Ⓢ Symbol required.
• 1090 4 Ethyl Guaiacol Natural	OUV3-YUJX5SK	Pareve	Ⓢ Symbol required.
• 1091 Ethyl Oenanthate Natural	OUV3-T6WFTZX	Pareve	Ⓢ Symbol required.
• 1092 Trans 2 Hexenyl Acetate Natural	OUV3-TD8G00F	Pareve	Ⓢ Symbol required.
• 1093 Ethyl Isovalerate Natural	OUV3-CF7KJBB	Pareve	Ⓢ Symbol required.
• 1094 Maltol Natural	OUV3-BDNITBL	Pareve	Ⓢ Symbol required.
• 1095 Ethyl Laurate Natural	OUV3-X8T8LK3	Pareve	Ⓢ Symbol required.
• 1096 Ethyl Palmitate Natural	OUV3-FKYWLYW	Pareve	Ⓢ Symbol required.
• 1097 Hexyl Alcohol Natural	OUV3-ZNP0H2P	Pareve	Ⓢ Symbol required.
• 1098 Hexanal Natural	OUV3-9PKWYQK	Pareve	Ⓢ Symbol required.
• 1099 Dimethyl Anthranilate Natural	OUV3-IIRBQV7	Pareve	Ⓢ Symbol required.
• 1100 Cis 3 Hexenyl Acetate Natural	OUV3-I0OVO2L	Pareve	Ⓢ Symbol required.

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Product Name	UKD-ID	Status	Certification Requirements
<b>Brand: Advanced Biotech (continued)</b>			
• 1101 Cis 3 Hexenyl Butyrate Natural	OUV3-1DMVXRQ	Pareve	Ⓢ Symbol required.
• 1102 Cis 3 Hexenyl 2 Methyl Butyrate Natural	OUV3-R0SGU7G	Pareve	Ⓢ Symbol required.
• 1103 Cis 3 Hexenyl Propionate Natural	OUV3-CBJCOSH	Pareve	Ⓢ Symbol required.
• 1104 Cis 3 Hexenyl Caproate Natural	OUV3-PR2JP7S	Pareve	Ⓢ Symbol required.
• 1105 Cis 3 Hexenyl Isovalerate Natural	OUV3-EBM3GSE	Pareve	Ⓢ Symbol required.
• 1106 Undecenal Natural	OUV3-D0RD6IQ	Pareve	Ⓢ Symbol required.
• 1107 Cis 3 Hexenyl Lactate Natural	OUV3-U7B3FIA	Pareve	Ⓢ Symbol required.
• 1108 Cis 3 Hexenyl Salicylate Natural	OUV3-AGQ2USX	Pareve	Ⓢ Symbol required.
• 1109 CITRONELLYL ACETATE CHIRAL NATURAL	OUV3-G4W5TGQ	Pareve	Ⓢ Symbol required.
• 1109 Citronellyl Acetate Natural	OUV3-EPCP0MS	Pareve	Ⓢ Symbol required.
• 1110 Citronellal Natural	OUV3-UXSMLJ8	Pareve	Ⓢ Symbol required.
• 11100001 RXT TONCINTO	OUV3-JCNCZQ	Pareve	Ⓢ Symbol required.

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Product Name	UKD-ID	Status	Certification Requirements
<b>Brand: Advanced Biotech (continued)</b>			
• 11100004 RXT TONCINTO 2X	OUV3-XB4DCJO	Pareve	Ⓢ Symbol required.
• 11100006 RXT FISHAROME	OUV3-MKVRAX	Pareve	Ⓢ Symbol required.
• 11100020 RXT GRILLCARNE 101	OUV3-JLLOI8W	Pareve	Ⓢ Symbol required.
• 11100021 RXT GRILLCARNE	OUV3-EH6JGFI	Pareve	Ⓢ Symbol required.
• 11100024 RXT CHICKAROME 103	OUV3-6LU0GAO	Pareve	Ⓢ Symbol required.
• 11100033 RXT Roastarome 101	OUV3-3X2HUCO	Pareve	Ⓢ Symbol required.
• 1111 CITRONELLYL BUTYRATE CHIRAL NATURAL	OUV3-FOECUEJ	Pareve	Ⓢ Symbol required.
• 1111 Citronellyl Butyrate Natural	OUV3-LNGU1KL	Pareve	Ⓢ Symbol required.
• 1113 Undecylenic Acid Natural	OUV3-M62QJHA	Pareve	Ⓢ Symbol required.
• 1114 DELTA DODECALACTONE EU NATURAL	OUV3-M32MOHI	Pareve	Ⓢ Symbol required.
• 1115 Hexyl Acetate Natural	OUV3-0IT1K3K	Pareve	Ⓢ Symbol required.
• 1116 ETHYL 2 METHYL BUTYRATE EU NATURAL	OUV3-1XQECXG	Pareve	Ⓢ Symbol required.

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Product Name	UKD-ID	Status	Certification Requirements
<b>Brand: Advanced Biotech (continued)</b>			
• 1117 Cis 3 Hexenol Natural	OUV3-GVNT3CW	Pareve	Ⓢ Symbol required.
• 1118 Cis 3 Hexenol 92-95% Natural	OUV3-JKRCSYA	Pareve	Ⓢ Symbol required.
• 1119 Benzaldehyde Natural (dea)	OUV3-RP1BHNZ	Pareve	Ⓢ Symbol required.
• 1120 Anisic Aldehyde Natural	OUV3-XJHBJAV	Pareve	Ⓢ Symbol required.
• 11200007 RXT SMOKEY	OUV3-KLWKP7N	Pareve	Ⓢ Symbol required.
• 11200013 RXT THON	OUV3-8ZJ44S6	Pareve	Ⓢ Symbol required.
• 11200028 RXT FISHAROME 101	OUV3-XVD4VSU	Pareve	Ⓢ Symbol required.
• 11200050 RXT AMINE	OUV3-8JAPYNS	Pareve	Ⓢ Symbol required.
• 11200061 RXT TONCINTO OS	OUV3-6SBBMV4	Pareve	Ⓢ Symbol required.
• 1121 Isovaleric Acid Natural	OUV3-0NYHE0D	Pareve	Ⓢ Symbol required.
• 1122 Iso Butyl Propionate Natural	OUV3-8WZ8MK5	Pareve	Ⓢ Symbol required.
• 1123 2 4 Decadienal Natural	OUV3-G8AEHA3	Pareve	Ⓢ Symbol required.

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Product Name	UKD-ID	Status	Certification Requirements
<b>Brand: Advanced Biotech (continued)</b>			
• 1124 GAMMA DECALACTONE EU NATURAL	OUV3-WU54PTK	Pareve	Ⓢ Symbol required.
• 1125 Hexyl Butyrate Natural	OUV3-GQRZ9SE	Pareve	Ⓢ Symbol required.
• 1126 Acetic Acid Natural	OUV3-2PGJ074	Pareve	Ⓢ Symbol required.
• 1127 Isoamyl Isovalerate Natural	OUV3-YVL180B	Pareve	Ⓢ Symbol required.
• 1128 Isoamyl Isobutyrate Natural	OUV3-WILIIGB	Pareve	Ⓢ Symbol required.
• 1129 Geranyl Acetate Natural	OUV3-BE4CSGE	Pareve	Ⓢ Symbol required.
• 1130 Geranyl Formate Natural	OUV3-WRUARGB	Pareve	Ⓢ Symbol required.
• 11300024 RXT MEATAROME 101	OUV3-V5DVNPU	Pareve	Ⓢ Symbol required.
• 11300025 RXT THON 101	OUV3-XSY8ACQ	Pareve	Ⓢ Symbol required.
• 11300027 RXT BACONAL 101	OUV3-4QXYBAN	Pareve	Ⓢ Symbol required.
• 11300028 RXT SAVAROME	OUV3-UY3MPEN	Pareve	Ⓢ Symbol required.
• 11300029 RXT CHICKAROME 102	OUV3-RUM8YC6	Pareve	Ⓢ Symbol required.

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**This certification is valid through 11/30/2023**



# 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

October 25, 2022

**Advanced Biotech Inc. (continued)**

This is to certify that the following product(s) prepared by this company at the facility(ies) 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
<b>Brand: Advanced Biotech (continued)</b>			
• 11300039 RXT MEATAROME	OUV3-APXLULG	Pareve	Ⓢ Symbol required.
• 1131 Geraniol Natural	OUV3-SUN9LEJ	Pareve	Ⓢ Symbol required.
• 1132 Geranyl Butyrate Natural	OUV3-ZG365HF	Pareve	Ⓢ Symbol required.
• 1133 Geranyl Propionate Natural	OUV3-PAQ7NXX	Pareve	Ⓢ Symbol required.
• 1134 Iso Amyl Butyrate Natural	OUV3-83UHWGP	Pareve	Ⓢ Symbol required.
• 1135 Hexyl Caproate Natural	OUV3-8RO8T8W	Pareve	Ⓢ Symbol required.
• 1136 Propionic Acid Natural	OUV3-ST6K0BV	Pareve	Ⓢ Symbol required.
• 1137 Furanone 12% In Etoh Natural	OUV3-8PW54JZ	Pareve	Ⓢ Symbol required.
• 1138 Furanone 15% In Etoh Natural	OUV3-XCRXHEB	Pareve	Ⓢ Symbol required.
• 1139 FERMENTONE 1% ETOH NATURAL	OUV3-C9BBJ3X	Pareve	Ⓢ Symbol required.
• 1140 Furanone 20% In Etoh Natural	OUV3-KIQ0UQH	Pareve	Ⓢ Symbol required.
• 1141 Quesote 10% In Pg Natural	OUV3-K0JHDVV	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>			
• 1142 Ethyl Caproate Natural	OUV3-VNOGXBQ	Pareve	Ⓢ Symbol required.
• 1143 Ethyl Caprate Natural	OUV3-PY03OW8	Pareve	Ⓢ Symbol required.
• 1144 Vanillin Natural	OUV3-D0VTUOT	Pareve	Ⓢ Symbol required.
• 1145 VANILLIN EX EUGENOL NATURAL	OUV3-HTMF9JN	Pareve	Ⓢ Symbol required.
• 1146 Anisyl Alcohol Natural	OUV3-5SNJ2FO	Pareve	Ⓢ Symbol required.
• 1147 Heptanal Natural	OUV3-TY1E0RX	Pareve	Ⓢ Symbol required.
• 1148 Acetaldehyde 50% In Etoh Natural	OUV3-DIIRSUQ	Pareve	Ⓢ Symbol required.
• 1149 METHYL THIOBUTYRATE NATURAL	OUV3-7P5AGT1	Pareve	Ⓢ Symbol required.
• 1150 Isoamyl Acetate Natural	OUV3-SO0WU5K	Pareve	Ⓢ Symbol required.
• 1151 Bitter Almond Oil Natural	OUV3-VVSSDP8	Pareve	Ⓢ Symbol required.
• 1152 Ethyl Isobutyrate Natural	OUV3-VIBLOEA	Pareve	Ⓢ Symbol required.
• 1153 Cinnamic Aldehyde Natural	OUV3-I5CPLYU	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>			
• 1154 Cinnamic Acid Natural	OUV3-RSAMROX	Pareve	Ⓢ Symbol required.
• 1155 Iso Butyl Acetate Natural	OUV3-YB3KMHF	Pareve	Ⓢ Symbol required.
• 1156 Butyl Acetate Natural	OUV3-RXLF5QQ	Pareve	Ⓢ Symbol required.
• 1157 Amyl Cinnamic Aldehyde Natural	OUV3-SLHABQ2	Pareve	Ⓢ Symbol required.
• 1158 2 Methyl Butyl Acetate Natural	OUV3-DKYVXVF	Pareve	Ⓢ Symbol required.
• 1159 Myrcene Natural	OUV3-QSBPL4V	Pareve	Ⓢ Symbol required.
• 1160 Benzyl Acetate Natural	OUV3-0N5DRDG	Pareve	Ⓢ Symbol required.
• 1161 Benzoic Acid Natural	OUV3-02N9WAA	Pareve	Ⓢ Symbol required.
• 1162 Menthyl Acetate Natural	OUV3-AZQIJPW	Pareve	Ⓢ Symbol required.
• 1164 Massoia Lactone 95% Natural	OUV3-TDEDZQJ	Pareve	Ⓢ Symbol required.
• 1165 Acetyl Propionyl Natural	OUV3-4VXWZYJ	Pareve	Ⓢ Symbol required.
• 1166 Linalool Coeur De Bois Natural	OUV3-MESFSO7	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>			
• 1167 Linalool Ex Ho Natural	OUV3-YUK694F	Pareve	Ⓢ Symbol required.
• 1168 Linalyl Acetate Natural	OUV3-TFJUHG5	Pareve	Ⓢ Symbol required.
• 1169 Methyl Cinnamate Natural	OUV3-NMXIJQX	Pareve	Ⓢ Symbol required.
• 1170 Cyclotene Anhydrous Natural	OUV3-X4JBUCJ	Pareve	Ⓢ Symbol required.
• 1171 Decanal Natural	OUV3-QBKAMGX	Pareve	Ⓢ Symbol required.
• 1174 Disodium Succinate Natural	OUV3-NFHSZYR	Pareve	Ⓢ Symbol required.
• 1177 Terpineol 4 Natural	OUV3-AL22TYB	Pareve	Ⓢ Symbol required.
• 1178 Ethyl Heptanoate Natural	OUV3-O6AUJTD	Pareve	Ⓢ Symbol required.
• 1179 Ethyl Caprylate Natural	OUV3-XEQRMTQ	Pareve	Ⓢ Symbol required.
• 1180 Aldehyde C-12 Natural	OUV3-JJX7GLQ	Pareve	Ⓢ Symbol required.
• 1181 Benzyl Alcohol Natural	OUV3-IMJCTBV	Pareve	Ⓢ Symbol required.
• 1182 Ethyl Lactate Natural	OUV3-IUWLGTD	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>			
• 1183 Acetoin Liquid Natural	OUV3-SMBTI0D	Pareve	Ⓢ Symbol required.
• 1184 Furanone 10% Etoh Natural	OUV3-OGRH91E	Pareve	Ⓢ Symbol required.
• 1185 Isovaleraldehyde Natural	OUV3-VBNAWTP	Pareve	Ⓢ Symbol required.
• 1186 Furfural Natural	OUV3-RRV8NL2	Pareve	Ⓢ Symbol required.
• 1187 Trans 2 Hexenal Natural	OUV3-WRRV4QB	Pareve	Ⓢ Symbol required.
• 1188 Ethyl Cinnamate Natural	OUV3-BAS3SFA	Pareve	Ⓢ Symbol required.
• 1189 Isobutyric Acid Natural	OUV3-U7AB4MH	Pareve	Ⓢ Symbol required.
• 1190 GAMMA OCTALACTONE EU NATURAL	OUV3-TQQGTYQ	Pareve	Ⓢ Symbol required.
• 1190 GAMMA OCTALACTONE EU NATURAL	OUV3-IPTLWDK	Pareve	Ⓢ Symbol required.
• 1191 Ethyl Acetate Natural	OUV3-TL1LGYG	Pareve	Ⓢ Symbol required.
• 1192 Caproic Acid Natural	OUV3-8Q4XA4S	Pareve	Ⓢ Symbol required.
• 1193 Capric Acid Natural	OUV3-J4SE37T	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>			
• 1194 Methyl Salicylate Natural	OUV3-QNW7M7P	Pareve	Ⓢ Symbol required.
• 1195 Phenyl Ethyl Alcohol Natural	OUV3-WBSRVAN	Pareve	Ⓢ Symbol required.
• 1196 Phenyl Acetic Acid Natural	OUV3-HLRFBHW	Pareve	Ⓢ Symbol required.
• 1197 Phenyl Acetaldehyde 10% In Etoh Natural	OUV3-OAQZXGL	Pareve	Ⓢ Symbol required.
• 1199 Heliotropine Natural	OUV3-UW05LCA	Pareve	Ⓢ Symbol required.
• 1200 Choclatone Natural	OUV3-EG4J7YC	Pareve	Ⓢ Symbol required.
• 1201 Choclatone 401 Natural	OUV3-VAWJXEE	Pareve	Ⓢ Symbol required.
• 1202 Iso Amyl Alcohol Natural	OUV3-WF7SZPS	Pareve	Ⓢ Symbol required.
• 1203 Ethyl Formate Natural	OUV3-H4TVLQ5	Pareve	Ⓢ Symbol required.
• 1205 Methyl Thio Butyrate 5% Os Natural	OUV3-0QCUDU3W	Pareve	Ⓢ Symbol required.
• 1206 Rum Ether Natural	OUV3-DFIRSUB	Pareve	Ⓢ Symbol required.
• 1208 Anisyl Acetate Natural	OUV3-YWLAUXT	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>			
• 1209 Indole Natural 1% Etoh Natural	OUV3-ABOQWXB	Pareve	Ⓢ Symbol required.
• 1210 Isobutyl Alcohol Natural	OUV3-SWETQCH	Pareve	Ⓢ Symbol required.
• 12100007 RXT FONGOS	OUV3-ULEGFCZ	Pareve	Ⓢ Symbol required.
• 1211 4 Methyl Guaiacol Natural	OUV3-WG9MFI8	Pareve	Ⓢ Symbol required.
• 1212 Ethyl Stearate Natural	OUV3-YXEPRKW	Pareve	Ⓢ Symbol required.
• 1213 Butyl Isovalerate Natural	OUV3-NTTFPUQ	Pareve	Ⓢ Symbol required.
• 1214 Acetaldehyde 50% In Orange Terpenes	OUV3-QQSFGBO	Pareve	Ⓢ Symbol required.
• 1215 Geranyl Isovalerate Natural	OUV3-VVB4GEU	Pareve	Ⓢ Symbol required.
• 1216 Lauric Acid Natural	OUV3-TIEQEBK	Pareve	Ⓢ Symbol required.
• 1217 Massoia Lactone 75% Natural	OUV3-NI3WCBI	Pareve	Ⓢ Symbol required.
• 1218 Methyl Mercaptan 1% Os Natural	OUV3-BIR5EWK	Pareve	Ⓢ Symbol required.
• 1219 Myristic Acid Natural	OUV3-PYSVBW1	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>			
• 12200009 RXT PIMENTO	OUV3-EK0CTDT	Pareve	Ⓢ Symbol required.
• 12200010 Peanut Type OS, Natural	OUV3-SG4XBSY	Pareve	Ⓢ Symbol required.
• 1221 2 Octanone Natural	OUV3-N0RLBPU	Pareve	Ⓢ Symbol required.
• 1222 Difurfuryl Disulfide Natural	OUV3-Q5R8IM5	Pareve	Ⓢ Symbol required.
• 1223 Difurfuryl Sulfide Natural	OUV3-Y8QFNP3	Pareve	Ⓢ Symbol required.
• 1224 Alpha Ionone 50% Etoh Natural	OUV3-WLWV3Q8	Pareve	Ⓢ Symbol required.
• 1225 Acetone Natural	OUV3-MF26JHY	Pareve	Ⓢ Symbol required.
• 1226 Furanone 10% In Pg Natural	OUV3-ODAJWUW	Pareve	Ⓢ Symbol required.
• 1227 Palmitic Acid Natural	OUV3-FF9TRHD	Pareve	Ⓢ Symbol required.
• 1228 Chocotella Super #1 Natural	OUV3-YMVBHUD	Pareve	Ⓢ Symbol required.
• 1229 Propyl Alcohol Natural	OUV3-8LMGHTA	Pareve	Ⓢ Symbol required.
• 1230 Propyl Acetate Natural	OUV3-1ZXRB9D	Pareve	Ⓢ Symbol required.

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Product Name	UKD-ID	Status	Certification Requirements
<b>Brand: Advanced Biotech (continued)</b>			
• 1231 Propyl Butyrate Natural	OUV3-UPMZ7ZU	Pareve	Ⓢ Symbol required.
• 1232 Nerol Natural	OUV3-HGPOAYG	Pareve	Ⓢ Symbol required.
• 1233 Heptyl Acetate Natural	OUV3-UNWDN1O	Pareve	Ⓢ Symbol required.
• 1234 Heptyl Butyrate Natural	OUV3-W0D3K2I	Pareve	Ⓢ Symbol required.
• 1235 Nonanal Natural	OUV3-LRMDTGP	Pareve	Ⓢ Symbol required.
• 1236 3 Octanol Natural	OUV3-P8TOLGI	Pareve	Ⓢ Symbol required.
• 1237 FERMENTONE EXTRA 1% ETOH NAT	OUV3-SVV2KUU	Pareve	Ⓢ Symbol required.
• 1238 Trans-2-hexenol Natural	OUV3-V62IQMS	Pareve	Ⓢ Symbol required.
• 1239 Praline Natural	OUV3-Y2MLRJS	Pareve	Ⓢ Symbol required.
• 1240 Lactic Acid Natural	OUV3-IAZSHST	Pareve	Ⓢ Symbol required.
• 1241 Iso Amyl Phenyl Acetate Natural	OUV3-WA6EIWW	Pareve	Ⓢ Symbol required.
• 1242 Methanol Natural	OUV3-GX7TWJN	Pareve	Ⓢ Symbol required.

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Product Name	UKD-ID	Status	Certification Requirements
<b>Brand: Advanced Biotech (continued)</b>			
• 1243 Neryl /geranyl Acetate Natural	OUV3-QS11FCG	Pareve	Ⓢ Symbol required.
• 1244 Chocolate Flavor 288	OUV3-UIYSQUO	Pareve	Ⓢ Symbol required.
• 1245 Nonanal 20% In Orange Oil Natural	OUV3-BYTTU10	Pareve	Ⓢ Symbol required.
• 1246 Carvone D Natural	OUV3-5RJU8HP	Pareve	Ⓢ Symbol required.
• 1247 Carvone L Natural	OUV3-0QLJMHQ	Pareve	Ⓢ Symbol required.
• 1248 Acetaldehyde Natural	OUV3-NI82O98	Pareve	Ⓢ Symbol required.
• 1249 Alpha Pinene Natural	OUV3-8Q0NEXB	Pareve	Ⓢ Symbol required.
• 1250 Thio Menthone 1% In Pg Natural	OUV3-DACBTWN	Pareve	Ⓢ Symbol required.
• 1251 Quesote 10% Etoh Natural	OUV3-A3LRICX	Pareve	Ⓢ Symbol required.
• 1252 Gamma Valerolactone Natural	OUV3-OVAIW27	Pareve	Ⓢ Symbol required.
• 1254 Triethyl Citrate Natural	OUV3-VG1MEN2	Pareve	Ⓢ Symbol required.
• 1256 Ethyl Aceto Acetate Natural	OUV3-5ZUZI9A	Pareve	Ⓢ Symbol required.

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Product Name	UKD-ID	Status	Certification Requirements
<b>Brand: Advanced Biotech (continued)</b>			
• 1257 Propionaldehyde Natural	OUV3-JL4CFAD	Pareve	Ⓢ Symbol required.
• 1260 Methyl Thiobutyrate 5% Etoh Pf Natural	OUV3-BCHNL04	Pareve	Ⓢ Symbol required.
• 1261 Trans 2 Nonenal 10% Os Natural	OUV3-6NHTWXM	Pareve	Ⓢ Symbol required.
• 1263 Methyl-2-methyl Butyrate Natural	OUV3-LU93YY5	Pareve	Ⓢ Symbol required.
• 1264 Furanone 25% In Etoh Natural	OUV3-773BOGG	Pareve	Ⓢ Symbol required.
• 1265 Green Note Enhancer Natural	OUV3-AAJVIVJ	Pareve	Ⓢ Symbol required.
• 1266 Seafood Complex	OUV3-CMKKOBP	Pareve	Ⓢ Symbol required.
• 1268 Furfuryl Mercaptan 1% Etoh Natural	OUV3-A6U6UQH	Pareve	Ⓢ Symbol required.
• 1269 3 Octyl Acetate Natural	OUV3-LPINC5Q	Pareve	Ⓢ Symbol required.
• 1272 Furanone 25% In Pg Natural	OUV3-9YOS2XF	Pareve	Ⓢ Symbol required.
• 1273 Indole Natural	OUV3-Y8BKD2V	Pareve	Ⓢ Symbol required.
• 1274 Isobutyl Isobutyrate Natural	OUV3-0FGKSSQ	Pareve	Ⓢ Symbol required.

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Product Name	UKD-ID	Status	Certification Requirements
<b>Brand: Advanced Biotech (continued)</b>			
• 1275 2 Methyl 1-butanol Natural	OUV3-PFCKU2C	Pareve	Ⓢ Symbol required.
• 1276 Beta Ionone 50% Etoh Natural	OUV3-1PRBIAF	Pareve	Ⓢ Symbol required.
• 1277 Methyl Benzoate Natural	OUV3-FOYJZPM	Pareve	Ⓢ Symbol required.
• 1278 2 Nonanone Natural	OUV3-8WMDURY	Pareve	Ⓢ Symbol required.
• 1279 Terpinyl Acetate Natural	OUV3-GKBUFGB	Pareve	Ⓢ Symbol required.
• 1280 Furfuryl Acetate Natural	OUV3-OD10R1Z	Pareve	Ⓢ Symbol required.
• 1281 Butyl Caproate Natural	OUV3-62YK9ET	Pareve	Ⓢ Symbol required.
• 1282 Ethyl Phenyl Acetate Natural	OUV3-RN11M3U	Pareve	Ⓢ Symbol required.
• 1283 Stearic Acid Natural	OUV3-E3N6PXA	Pareve	Ⓢ Symbol required.
• 1284 Citrus Enhancer Natural	OUV3-ALRX9NI	Pareve	Ⓢ Symbol required.
• 1285 Ethyl 3 Hydroxybutyrate Natural	OUV3-UYSQEWZ	Pareve	Ⓢ Symbol required.
• 1286 Ethyl Acrylate 1% In Ethyl Propionate Natural	OUV3-HBTOE2T	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 11/30/2023**



# 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

October 25, 2022

**Advanced Biotech Inc. (continued)**

This is to certify that the following product(s) prepared by this company at the facility(ies) 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
<b>Brand: Advanced Biotech (continued)</b>			
• 1288 Succinic Acid Natural	OUV3-HHBXAQX	Pareve	Ⓢ Symbol required.
• 1289 Formic Acid 80% Natural	OUV3-CIHDEDF	Pareve	Ⓢ Symbol required.
• 1290 1 Octen 3 Ol Natural	OUV3-BZWMTV1	Pareve	Ⓢ Symbol required.
• 1291 Isobutyl Isovalerate Natural	OUV3-8HJ11KK	Pareve	Ⓢ Symbol required.
• 1292 Peach Thiazole 10% In Triacetin Natural	OUV3-H05JERE	Pareve	Ⓢ Symbol required.
• 1293 Honey Reaction Natural	OUV3-NUGUKFO	Pareve	Ⓢ Symbol required.
• 1295 Maple Furanone 1% Pg Natural	OUV3-KDXXPLQ	Pareve	Ⓢ Symbol required.
• 1296 Cinnamyl Alcohol Natural	OUV3-GJFT5CP	Pareve	Ⓢ Symbol required.
• 1297 Methyl Phenyl Acetate Natural	OUV3-C0B5N5N	Pareve	Ⓢ Symbol required.
• 1298 Methional Natural	OUV3-FFGC4CJ	Pareve	Ⓢ Symbol required.
• 1299 Dimethyl Sulfide 5% Natural In Vegetable Oil	OUV3-WABNUME	Pareve	Ⓢ Symbol required.
• 1300 Green Note Natural	OUV3-4HWHUDJ	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>			
• 1301 Iso Butyl Thiazole 1% Etoh Natural	OUV3-IR34FVY	Pareve	Ⓢ Symbol required.
• 1304 L Carvyl Acetate Natural	OUV3-IBOQGNB	Pareve	Ⓢ Symbol required.
• 1305 Gamma Nonalactone Natural	OUV3-P2MISO7	Pareve	Ⓢ Symbol required.
• 1308 Fenchyl Alcohol Natural	OUV3-I1SQRDY	Pareve	Ⓢ Symbol required.
• 1310 2 4 Decadienal 10% In Triacetin Natural	OUV3-N1UBAWN	Pareve	Ⓢ Symbol required.
• 13100002 RXT CHICKAROME 101	OUV3-JGWCR9I	Pareve	Ⓢ Symbol required.
• 13100046 RXT VEGANAL	OUV3-XYUXNK3	Pareve	Ⓢ Symbol required.
• 13100047 RXT CHICKAROME	OUV3-RE2L3VD	Pareve	Ⓢ Symbol required.
• 13100053 RXT CHOCOLATONE 101	OUV3-DFY6CM0	Pareve	Ⓢ Symbol required.
• 13100055 RXT CRACKER	OUV3-SHU7A5T	Pareve	Ⓢ Symbol required.
• 13100076 RXT SRIRACHAROME	OUV3-XKWXYUW	Pareve	Ⓢ Symbol required.
• 13100128 COLOR ENHANCER FLAVOR NAT TYPE	OUV3-T947ANO	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>			
• 1311 Trans 2 Hexenal 10% Etoh Natural	OUV3-IIRPGHN	Pareve	Ⓢ Symbol required.
• 1312 ETHYL ACRYLATE NATURAL	OUV3-MNM29MX	Pareve	Ⓢ Symbol required.
• 1313 Furfuryl Thioacetate Natural	OUV3-BUF7MMS	Pareve	Ⓢ Symbol required.
• 1315 Coffee Enhancer Natural	OUV3-DNJ2VAS	Pareve	Ⓢ Symbol required.
• 1316 Coffee Base 2940 Natural	OUV3-FNNJ324	Pareve	Ⓢ Symbol required.
• 1317 Furfuryl Thiopropionate Natural	OUV3-A2NQJX2	Pareve	Ⓢ Symbol required.
• 1318 Butter Acids Type Natural	OUV3-O35BYOO	Pareve	Ⓢ Symbol required.
• 1319 Butter Esters Type Natural	OUV3-H7K86RB	Pareve	Ⓢ Symbol required.
• 1320 Acetaldehyde 50% D'limonene Natural	OUV3-LU5PIZY	Pareve	Ⓢ Symbol required.
• 13200007 RXT POMODORO	OUV3-OYLLHV4	Pareve	Ⓢ Symbol required.
• 13200011 RXT SALCHICHA	OUV3-0T03KMZ	Pareve	Ⓢ Symbol required.
• 13200016 RXT ONIONAL	OUV3-5UKK90P	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>			
• 13200090 RXT HUEVOS	OUV3-0GHGHJB	Pareve	Ⓢ Symbol required.
• 13200091 RXT HUEVOS 101	OUV3-KDVS3AB	Pareve	Ⓢ Symbol required.
• 13200095 RXT GREENBELL	OUV3-PGDFCQG	Pareve	Ⓢ Symbol required.
• 13200105 RXT ITALIANO	OUV3-WHAP1PM	Pareve	Ⓢ Symbol required.
• 13200115 RXT CHOCOLATONE	OUV3-WAYKSMH	Pareve	Ⓢ Symbol required.
• 13200119 RXT ASIAROME	OUV3-XXP3FEA	Pareve	Ⓢ Symbol required.
• 13200137 RXT BURRONAL	OUV3-VLBLKQY	Pareve	Ⓢ Symbol required.
• 13200139 RXT MEXICALI	OUV3-OUWJ9RC	Pareve	Ⓢ Symbol required.
• 13200165 RXT BUTTEROME	OUV3-UAKDDOQ	Pareve	Ⓢ Symbol required.
• 13200203 RXT QUESO	OUV3-ODPJGSB	Pareve	Ⓢ Symbol required.
• 13200226 FATTY BEEF FLAVOR NAT TYPE OS	OUV3-DGRXGOS	Pareve	Ⓢ Symbol required.
• 13200228 FATTY CHICKEN FL NAT TYPE OS	OUV3-M0B92RJ	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>			
• 1321 Isobornyl Acetate Natural	OUV3-IFL430X	Pareve	Ⓢ Symbol required.
• 1322 Indole 0.6% In Etoh Natural	OUV3-6RDPON3	Pareve	Ⓢ Symbol required.
• 1323 Maltol Isobutyrate Natural	OUV3-VDWE7WF	Pareve	Ⓢ Symbol required.
• 1324 2 Methyl 3 Furanthiol 5% Ws	OUV3-EFVCNNS	Pareve	Ⓢ Symbol required.
• 1325 2 4 Decadienal 10% Etoh Natural	OUV3-P6NJ0CH	Pareve	Ⓢ Symbol required.
• 1326 Angelica Lactone Natural	OUV3-EQAOLZF	Pareve	Ⓢ Symbol required.
• 1327 Coffee Furanone Natural	OUV3-IXIIF7X	Pareve	Ⓢ Symbol required.
• 1328 Peach Thiazole 1% Os Natural	OUV3-SHUHXW8	Pareve	Ⓢ Symbol required.
• 1329 Decanal 80% Etoh Natural	OUV3-NITKYUH	Pareve	Ⓢ Symbol required.
• 1330 Borneol Natural	OUV3-XJNECUH	Pareve	Ⓢ Symbol required.
• 13300023 RXT FISHAROME 102	OUV3-0SSGHNH	Pareve	Ⓢ Symbol required.
• 1333 5 Methyl Furfural Natural	OUV3-MWHK96C	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>			
• 1334 Hexyl Propionate Natural	OUV3-NE2QIUF	Pareve	Ⓢ Symbol required.
• 1335 Hexyl Lactate Natural	OUV3-OGOAQFC	Pareve	Ⓢ Symbol required.
• 1336 Cinnamyl Acetate Natural	OUV3-BT73NHJ	Pareve	Ⓢ Symbol required.
• 1337 2 Methyl 3 Furanthiol 5% Os	OUV3-R0RK1GC	Pareve	Ⓢ Symbol required.
• 1338 Peach Thiazole 1% Ws-pg Natural	OUV3-H0Z8KNV	Pareve	Ⓢ Symbol required.
• 1341 Butyl Propionate Natural	OUV3-LNCCBJB	Pareve	Ⓢ Symbol required.
• 1343 Chicory Furanone 5% Pg Natural	OUV3-CIROYKT	Pareve	Ⓢ Symbol required.
• 1345 Pyrazine Mixture Natural	OUV3-R9UCJNR	Pareve	Ⓢ Symbol required.
• 1346 2 5 Dimethyl Pyrazine Natural	OUV3-MBYVEOS	Pareve	Ⓢ Symbol required.
• 1347 2 3 5 Trimethyl Pyrazine Natural	OUV3-I5TGMM3	Pareve	Ⓢ Symbol required.
• 1350 BETA IONONE EU NATURAL	OUV3-E07YQQJ	Pareve	Ⓢ Symbol required.
• 1351 Methional 5% Etoh Natural	OUV3-6B5RBST	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>			
• 1352 Caramel Furanone 1% Etoh Natural	OUV3-VFCZIY6	Pareve	Ⓢ Symbol required.
• 1353 Mesifuran 20% Pg Natural	OUV3-L2I0PYW	Pareve	Ⓢ Symbol required.
• 1354 Caramel Furanone 1% Pg Natural	OUV3-5X1XN72	Pareve	Ⓢ Symbol required.
• 1355 Methyl Caproate Natural	OUV3-QMLSKV6	Pareve	Ⓢ Symbol required.
• 1357 Ethyl Furanone 10% Pg Natural	OUV3-KR2WVMJ	Pareve	Ⓢ Symbol required.
• 1358 Peach Thiazole 1% Triacetin Natural	OUV3-DMJUYVF	Pareve	Ⓢ Symbol required.
• 1359 Thio Terpenes Mix Natural	OUV3-2PAXHEP	Pareve	Ⓢ Symbol required.
• 1360 Peach Thiazole 1% Etoh Natural	OUV3-FUOYSL1	Pareve	Ⓢ Symbol required.
• 1361 Cyclotene Hydrate Natural	OUV3-CSQYNKA	Pareve	Ⓢ Symbol required.
• 1362 Cebolla Sabor #5 Natural	OUV3-9GVJ9MN	Pareve	Ⓢ Symbol required.
• 1363 Furfural Acetone Natural	OUV3-GTVYIIE	Pareve	Ⓢ Symbol required.
• 1364 Menthyl Lactate Natural	OUV3-OVYM81J	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>			
• 1365 Nonanol Natural	OUV3-VSUEHBA	Pareve	Ⓢ Symbol required.
• 1366 Phenyl Acetaldehyde 10% In Triacetin Natural	OUV3-WPPKEZU	Pareve	Ⓢ Symbol required.
• 1369 2 Undecanone Natural	OUV3-PWCDFNX	Pareve	Ⓢ Symbol required.
• 1370 Acetoin Acetate Natural	OUV3-MQA7S9J	Pareve	Ⓢ Symbol required.
• 1371 Methyl Ketone Mix 2hn Natural	OUV3-QGDXPPE	Pareve	Ⓢ Symbol required.
• 1372 Furanone Acetate Natural	OUV3-MCBGAGS	Pareve	Ⓢ Symbol required.
• 1373 Ethyl Acrylate 1% Pg Natural	OUV3-CPQ88HP	Pareve	Ⓢ Symbol required.
• 1374 Acetoin Butyrate Natural	OUV3-0S0VPR3	Pareve	Ⓢ Symbol required.
• 1375 2 Methyl 2-pentenoic Acid Natural	OUV3-6CXWBHK	Pareve	Ⓢ Symbol required.
• 1376 Tetrahydrofurfuryl Acetate Natural	OUV3-S8SOFD3	Pareve	Ⓢ Symbol required.
• 1377 2 Methyl Heptenone Natural	OUV3-CW6DWQN	Pareve	Ⓢ Symbol required.
• 1378 Thiazolidine Mixture #808 Natural	OUV3-IMRHDC A	Pareve	Ⓢ Symbol required.

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Product Name	UKD-ID	Status	Certification Requirements
<b>Brand: Advanced Biotech (continued)</b>			
• 1379 Pyrazine Complex #104 Natural	OUV3-NFO35BB	Pareve	Ⓢ Symbol required.
• 1380 Natural Pyriveg Mixture #89	OUV3-PROG9RW	Pareve	Ⓢ Symbol required.
• 1381 Acetaldehyde 50% Pg Natural	OUV3-06ILTOT	Pareve	Ⓢ Symbol required.
• 1382 Acetophenone Natural	OUV3-QH6RHYF	Pareve	Ⓢ Symbol required.
• 1383 Acetic Acid 65% Natural	OUV3-6YGLXEP	Pareve	Ⓢ Symbol required.
• 1384 Acetal Natural	OUV3-EUGCCC9	Pareve	Ⓢ Symbol required.
• 1385 Methionol Natural	OUV3-C4KHTKZ	Pareve	Ⓢ Symbol required.
• 1386 2 Isobutyl Thiazole Natural	OUV3-VFRCL4P	Pareve	Ⓢ Symbol required.
• 1387 Phenyl Acetaldehyde 25% Os Natural	OUV3-CXBDUN0	Pareve	Ⓢ Symbol required.
• 1388 CITRONELLOL CHIRAL NATURAL	OUV3-DMSAHF8	Pareve	Ⓢ Symbol required.
• 1388 Citronellol Natural	OUV3-7OIAVR0	Pareve	Ⓢ Symbol required.
• 1389 2 Methyl 3 Furanthiol 5% Etoh	OUV3-FGGJ7UH	Pareve	Ⓢ Symbol required.

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Product Name	UKD-ID	Status	Certification Requirements
<b>Brand: Advanced Biotech (continued)</b>			
• 1390 Methyl Mercaptan 1% Etoh Natural	OUV3-SDFPQGC	Pareve	Ⓢ Symbol required.
• 1391 Levulinic Acid Natural	OUV3-B11RG2Q	Pareve	Ⓢ Symbol required.
• 1392 Melon Aldehyde Natural	OUV3-02KPAU0	Pareve	Ⓢ Symbol required.
• 1393 Isobutyl Thiazole 1% Ws Natural	OUV3-1R9DCIN	Pareve	Ⓢ Symbol required.
• 1394 Trans 2 Hexenyl Alcohol 70% Natural	OUV3-E5ZJSOM	Pareve	Ⓢ Symbol required.
• 1395 BENZALDEHYDE EU NATURAL (DEA)	OUV3-CQDUK0X	Pareve	Ⓢ Symbol required.
• 1396 FURFURYL MERCAPTAN EU NATURAL	OUV3-MMJNZ3G	Pareve	Ⓢ Symbol required.
• 1401 CHOCLATONE EU NATURAL	OUV3-QYQTHIS	Pareve	Ⓢ Symbol required.
• 1402 PEACH MERCAPTAN EU NATURAL	OUV3-J0MNIJ5T	Pareve	Ⓢ Symbol required.
• 1403 VANILLA COMPLEX EU NATURAL	OUV3-G4CSZYV	Pareve	Ⓢ Symbol required.
• 1405 MALTO PRALINE EU NATURAL	OUV3-EDHWBRZ	Pareve	Ⓢ Symbol required.
• 1407 Phenyl Acetaldehyde 10% Os Natural	OUV3-3XNWD2K	Pareve	Ⓢ Symbol required.

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Product Name	UKD-ID	Status	Certification Requirements
<b>Brand: Advanced Biotech (continued)</b>			
• 1408 Methyl Mercaptan 1% Pg Natural	OUV3-5BIHSMT	Pareve	Ⓢ Symbol required.
• 1409 BETA IONONE 50% ETOH EU NATURAL	OUV3-TISQHOR	Pareve	Ⓢ Symbol required.
• 1410 Benzo Dihydropyrone Natural (dihydrocoumarin)	OUV3-RC76JWJ	Pareve	Ⓢ Symbol required.
• 1411 Maple Furanone 1% Etoh Natural	OUV3-OY7JHPS	Pareve	Ⓢ Symbol required.
• 1412 Trans 2 Hexenol 50% Etoh Natural	OUV3-KJUJZUM	Pareve	Ⓢ Symbol required.
• 1413 Iso Butyl Butyrate Natural	OUV3-PFOZRUV	Pareve	Ⓢ Symbol required.
• 1414 Anisic Acid Natural	OUV3-REHYDF4	Pareve	Ⓢ Symbol required.
• 1415 Trans 2 Hexenoic Acid Natural	OUV3-2XQ3YQ0	Pareve	Ⓢ Symbol required.
• 1417 Tetrazine Natural	OUV3-YTU3ZOI	Pareve	Ⓢ Symbol required.
• 1418 2-pentanone Natural	OUV3-EVIQVSY	Pareve	Ⓢ Symbol required.
• 1419 Nonanoic Acid Natural	OUV3-YFT8A0P	Pareve	Ⓢ Symbol required.
• 1420 Cocoa Oleoresin Natural	OUV3-SIMI6WG	Pareve	Ⓢ Symbol required.

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Product Name	UKD-ID	Status	Certification Requirements
<b>Brand: Advanced Biotech (continued)</b>			
• 1421 IONONE NATURAL Q	OUV3-1G4AMD7	Pareve	Ⓢ Symbol required.
• 1422 2 Heptanol Natural	OUV3-NAR196X	Pareve	Ⓢ Symbol required.
• 1423 Diethyl Succinate Natural	OUV3-RLK04G1	Pareve	Ⓢ Symbol required.
• 1426 Vanilla Absolute Type Natural	OUV3-WSWBVME	Pareve	Ⓢ Symbol required.
• 1427 Nonyl Acetate Natural	OUV3-E4NSYOL	Pareve	Ⓢ Symbol required.
• 1428 Trans 2-hexenal 5% Etoh Natural	OUV3-IDTTDFB	Pareve	Ⓢ Symbol required.
• 1430 Floraline Osmanthus Natural	OUV3-QHHS8AA	Pareve	Ⓢ Symbol required.
• 1431 Indole 1% Pg Natural	OUV3-7PDICQG	Pareve	Ⓢ Symbol required.
• 1432 Acetoin Powder Natural	OUV3-FPNVYMC	Pareve	Ⓢ Symbol required.
• 1433 Isobutyl Phenyl Acetate Natural	OUV3-FIRQF20	Pareve	Ⓢ Symbol required.
• 1434 Baconal Natural	OUV3-QU8T2RL	Pareve	Ⓢ Symbol required.
• 1435 GAMMA UNDECALACTONE NAT CHIRAL	OUV3-DDYNHYC	Pareve	Ⓢ Symbol required.

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Rabbi Menachem Genack, *Rabbinic Administrator, CEO*

**This certification is valid through 11/30/2023**





# 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

October 25, 2022

**Advanced Biotech Inc. (continued)**

This is to certify that the following product(s) prepared by this company at the facility(ies) 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
<b>Brand: Advanced Biotech (continued)</b>			
• 1436 Methyl Ketones Mix (cheese Note) Natural	OUV3-4VTFVYI	Pareve	Ⓢ Symbol required.
• 1438 Methyl Butyrate Natural	OUV3-I0ML6ID	Pareve	Ⓢ Symbol required.
• 1439 Acetaldehyde 50% Orange Oil 5 Fold Natural	OUV3-U82HXWK	Pareve	Ⓢ Symbol required.
• 1440 Rum Ether Replacer Flavor Natural	OUV3-NF8QKUO	Pareve	Ⓢ Symbol required.
• 1441 Leaf Acetate 75% Natural	OUV3-XHE17FO	Pareve	Ⓢ Symbol required.
• 1442 Benzyl Propionate Natural	OUV3-RJVM00M	Pareve	Ⓢ Symbol required.
• 1443 Roastex Natural	OUV3-ZNBJARV	Pareve	Ⓢ Symbol required.
• 1444 P-menthene-8-thiol 1% D'limonene Natural	OUV3-YPDWPO0	Pareve	Ⓢ Symbol required.
• 1445 Methyl Thio Butyrate 5% Etoh Natural	OUV3-VJMLGBY	Pareve	Ⓢ Symbol required.
• 1446 Methyl Eugenol Natural	OUV3-PBXVXU3	Pareve	Ⓢ Symbol required.
• 1447 Cognac Oil Replacer Natural	OUV3-NX9HSPY	Pareve	Ⓢ Symbol required.
• 1448 METHYL PARA ANISATE NATURAL	OUV3-O2BMVJE	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>			
• 1449 Zingerone Natural	OUV3-WRGLBKZ	Pareve	Ⓢ Symbol required.
• 1451 Trans-2-hexenal 50% Etoh Natural	OUV3-3ML6DJS	Pareve	Ⓢ Symbol required.
• 1452 Sulfuron Natural	OUV3-MCSTEXE	Pareve	Ⓢ Symbol required.
• 1453 Ethyl Oxyhydrate Natural	OUV3-CLQB1T3	Pareve	Ⓢ Symbol required.
• 1454 Iso Amyl Caprylate Natural	OUV3-IHNKXPXY	Pareve	Ⓢ Symbol required.
• 1455 Butyl 2 Methyl Butyrate Natural	OUV3-1TDSC7P	Pareve	Ⓢ Symbol required.
• 1456 Green Key Natural	OUV3-3B3RTAK	Pareve	Ⓢ Symbol required.
• 1457 Ethyl Crotonate Natural	OUV3-PCYIRDS	Pareve	Ⓢ Symbol required.
• 1458 1 Penten 3 Ol Natural	OUV3-SXSR82O	Pareve	Ⓢ Symbol required.
• 1459 Methyl Undecenoate Natural	OUV3-QRTEYCC	Pareve	Ⓢ Symbol required.
• 1460 Onional Natural	OUV3-NRJM3VZ	Pareve	Ⓢ Symbol required.
• 1461 Ionones Mixed 7.7 Natural	OUV3-Z2XP7A5	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>			
• 1462 Caramel Furanone 1% Sunflower Oil Natural	OUV3-NEI62YD	Pareve	Ⓢ Symbol required.
• 1463 2 3 5 6 Tetra Methyl Pyrazine Natural	OUV3-LWIG5QE	Pareve	Ⓢ Symbol required.
• 1464 Diethyl Tartrate Natural	OUV3-RX0XLNI	Pareve	Ⓢ Symbol required.
• 1465 MALTO PRALINE EXTRA EU NATURAL	OUV3-1555D7I	Pareve	Ⓢ Symbol required.
• 1466 Isopropyl Alcohol Natural	OUV3-VPTBOMJ	Pareve	Ⓢ Symbol required.
• 1470 O Methoxy Cinnamic Aldehyde Natural	OUV3-HYTFFPKT	Pareve	Ⓢ Symbol required.
• 1471 Pyrazine Mixture Ii Natural	OUV3-7MTVHYR	Pareve	Ⓢ Symbol required.
• 1472 Benzyl Phenyl Acetate Natural	OUV3-C7QPOJ4	Pareve	Ⓢ Symbol required.
• 1475 Butter Derivatives Natural <i>Changed to OU parve 10.12.18</i>	OUV3-KQXSMEO	Pareve	Ⓢ Symbol required.
• 1476 2 Tridecanone Natural	OUV3-VRINIQ5	Pareve	Ⓢ Symbol required.
• 1477 Camphene Natural	OUV3-ETDWMBJ	Pareve	Ⓢ Symbol required.

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Product Name	UKD-ID	Status	Certification Requirements
<b>Brand: Advanced Biotech (continued)</b>			
• 1478 Pyrazine Mixture Iii Natural	OUV3-3CG5F9H	Pareve	Ⓢ Symbol required.
• 1479 5 Methyl 2 Hepten 4 One Natural	OUV3-M1XRC52	Pareve	Ⓢ Symbol required.
• 1480 Linalyl Acetate Ex Petitgrain Natural	OUV3-6IOHTBF	Pareve	Ⓢ Symbol required.
• 1482 Methyl Ketones Mix (bold Flavor) Natural	OUV3-OYG4B99	Pareve	Ⓢ Symbol required.
• 1483 Isoamyl Laurate Natural	OUV3-RKXBQT9	Pareve	Ⓢ Symbol required.
• 1484 Ethyl 3 Hydroxy Caproate Natural	OUV3-8SMYS8	Pareve	Ⓢ Symbol required.
• 1485 Linalool Ex Orange Natural	OUV3-G0GA6AT	Pareve	Ⓢ Symbol required.
• 1486 Fumaric Acid Natural	OUV3-GP8U9OY	Pareve	Ⓢ Symbol required.
• 1487 Rhodinol Flavor Type Natural	OUV3-GHJUNXW	Pareve	Ⓢ Symbol required.
• 1488 Allyl Alcohol Natural	OUV3-8FMZIFU	Pareve	Ⓢ Symbol required.
• 1490 Fermentone Extra 1% In Triacetin Natural	OUV3-TG23QIU	Pareve	Ⓢ Symbol required.
• 1491 GREEN NOTE ALCOHOLS NATURAL	OUV3-XU90RW9	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>			
• 1492 Fermentone 1% In Pg Natural	OUV3-7FSH8PR	Pareve	Ⓢ Symbol required.
• 1493 Methyl Ketones Mix (non-dairy) Natural	OUV3-8BX83SA	Pareve	Ⓢ Symbol required.
• 1494 Trans 2 Nonenal 1% Tec Natural	OUV3-DAJNDX7	Pareve	Ⓢ Symbol required.
• 1495 Vanillin Ex Ferulic Acid Natural (abtvanforall™)	OUV3-2NH44QG	Pareve	Ⓢ Symbol required.
• 1496 VANILLIN EX TURMERIC EU NATURAL	OUV3-FVJWVIR	Pareve	Ⓢ Symbol required.
• 1497 2 6-dimethyl Pyrazine Natural	OUV3-P4H3VHC	Pareve	Ⓢ Symbol required.
• 1498 Beta Caryophyllene Natural	OUV3-GXP8MJV	Pareve	Ⓢ Symbol required.
• 1499 Methyl Ketones "t" Mix Natural	OUV3-LKEYOFV	Pareve	Ⓢ Symbol required.
• 1501 Natural 2-Ethyl-4-Methyl Thiazole 1% in Triethyl Citrate	OUV3-MUJ2NMA	Pareve	Ⓢ Symbol required.
• 1502 Linalool Oxide Natural	OUV3-NCBAGRT	Pareve	Ⓢ Symbol required.
• 1503 Propyl Caproate Natural	OUV3-Q8KYW8D	Pareve	Ⓢ Symbol required.
• 1505 Methyl Thioacetate 1% In Triethyl Citrate Natural	OUV3-DHKARPL	Pareve	Ⓢ Symbol required.

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Product Name	UKD-ID	Status	Certification Requirements
<b>Brand: Advanced Biotech (continued)</b>			
• 1506 Ethyl Linoleate Natural	OUV3-HXRG96U	Pareve	Ⓢ Symbol required.
• 1507 Benzyl Salicylate Natural	OUV3-N60EOAN	Pareve	Ⓢ Symbol required.
• 1508 Anisyl Formate Natural	OUV3-TJGKFS	Pareve	Ⓢ Symbol required.
• 1509 Bis (2-methyl 3 Furyl) Disulphide 1% In Triethyl Citrate Natural	OUV3-IG8AC3E	Pareve	Ⓢ Symbol required.
• 1510 Cinnamyl Isobutyrate Natural	OUV3-XM8NYQ4	Pareve	Ⓢ Symbol required.
• 1511 Isoamyl Formate Natural	OUV3-CLJFCM3	Pareve	Ⓢ Symbol required.
• 1512 METHYL ANTHRANILATE EU NATURAL (DEA)	OUV3-RKIT5OL	Pareve	Ⓢ Symbol required.
• 1513 Gamma Dodecalactone Natural Eu	OUV3-USL81KY	Pareve	Ⓢ Symbol required.
• 1514 Gamma Octalactone Natural	OUV3-HQW4HPE	Pareve	Ⓢ Symbol required.
• 1515 Methyl Heptanoate Natural	OUV3-XYO90JW	Pareve	Ⓢ Symbol required.
• 1516 Hexyl Cinnamic Aldehyde Natural	OUV3-L90CUQC	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>			
• 1517 Methyl Acetate Natural	OUV3-AKYWAX0	Pareve	Ⓢ Symbol required.
• 1518 Cucumber Aldehyde Wonf Type Flavor Natural	OUV3-37RHIGO	Pareve	Ⓢ Symbol required.
• 1519 Maple Furanone 1% In Triacetin Natural	OUV3-LQBT00M	Pareve	Ⓢ Symbol required.
• 1520 Acetal Natural 30-35% In Etoh	OUV3-M9OHGB5	Pareve	Ⓢ Symbol required.
• 1521 Quesote 10% Tec Natural (sulfurol)	OUV3-IU85GVL	Pareve	Ⓢ Symbol required.
• 1523 Linalyl Butyrate Natural	OUV3-DV50TDT	Pareve	Ⓢ Symbol required.
• 1524 Furfuryl Mercaptan 1% In Pg Natural	OUV3-1J2UFJC	Pareve	Ⓢ Symbol required.
• 1525 Cis 3 Hexenyl Formate Natural	OUV3-IPQIFAQ	Pareve	Ⓢ Symbol required.
• 1526 Buchu Replacer Fraction Natural	OUV3-2J0MNSM	Pareve	Ⓢ Symbol required.
• 1528 Gamma Terpinene Natural	OUV3-WBKAE2J	Pareve	Ⓢ Symbol required.
• 1530 BETA DAMASCENONE 5% ETOH NATURAL	OUV3-S3OW0KV	Pareve	Ⓢ Symbol required.
• 1531 Green Key Mt Natural	OUV3-MFVPJAI	Pareve	Ⓢ Symbol required.

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Product Name	UKD-ID	Status	Certification Requirements
<b>Brand: Advanced Biotech (continued)</b>			
• 1532 Quesote 10% Os Natural (sulfurol)	OUV3-YSXLXCC	Pareve	Ⓢ Symbol required.
• 1535 Styrallyl Acetate Natural	OUV3-B0MXPXC	Pareve	Ⓢ Symbol required.
• 1536 Fermentone Extra 1% Pg Natural	OUV3-OMHORBH	Pareve	Ⓢ Symbol required.
• 1537 Beta Pinene Natural	OUV3-EBPVKAA	Pareve	Ⓢ Symbol required.
• 1538 3 Methylthio 1 Hexyl Acetate Natural	OUV3-YPQ79UJ	Pareve	Ⓢ Symbol required.
• 1540 Butter Enhancer Natural	OUV3-5BEXAYF	Pareve	Ⓢ Symbol required.
• 1541 Phenol Natural	OUV3-B8LVX4K	Pareve	Ⓢ Symbol required.
• 1542 Peach Thiazole 1% Ws-gly Natural	OUV3-UU6HRUS	Pareve	Ⓢ Symbol required.
• 1543 Ammonium Sulfide 15% In Water	OUV3-VTIU9XJ	Pareve	Ⓢ Symbol required.
• 1545 Walnut Furanone Natural	OUV3-IONACJR	Pareve	Ⓢ Symbol required.
• 1546 Natural Pyroligneous Acid	OUV3-G8CCA8O	Pareve	Ⓢ Symbol required.
• 1547 S-methyl Thiopropionate Natural	OUV3-CIU3WMX	Pareve	Ⓢ Symbol required.

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Product Name	UKD-ID	Status	Certification Requirements
<b>Brand: Advanced Biotech (continued)</b>			
• 1548 Propylene Glycol Natural	OUV3-8QHDC6N	Pareve	Ⓢ Symbol required.
• 1549 Green Complex (10886) Natural	OUV3-USRGZVU	Pareve	Ⓢ Symbol required.
• 1550 Furanone Butyrate Natural	OUV3-XSKQCYU	Pareve	Ⓢ Symbol required.
• 1551 SWEET BASE TWO	OUV3-TXLAQLS	Pareve	Ⓢ Symbol required.
• 1552 Iso Amyl Alcohol (halal) Natural	OUV3-UMCA7OX	Pareve	Ⓢ Symbol required.
• 1553 Methyl Isoeugenol Natural	OUV3-DJR8YMQ	Pareve	Ⓢ Symbol required.
• 1554 Carvacrol Natural	OUV3-B75FI6Z	Pareve	Ⓢ Symbol required.
• 1555 2 Methyl 3 Furanthiol 5% Sunfl	OUV3-OJVQAO6	Pareve	Ⓢ Symbol required.
• 1556 BUTYL METHYL BUTYRATES MIX EU NATURAL	OUV3-5UB3CZS	Pareve	Ⓢ Symbol required.
• 1557 Methional 5% Os Natural	OUV3-0OV7WOO	Pareve	Ⓢ Symbol required.
• 1558 Benzyl Isovalerate Natural	OUV3-Q0GMV1E	Pareve	Ⓢ Symbol required.
• 1560 GAMMA NONALACTONE EU NATURAL	OUV3-3P08PY7	Pareve	Ⓢ Symbol required.

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Product Name	UKD-ID	Status	Certification Requirements
<b>Brand: Advanced Biotech (continued)</b>			
• 1562 Ethyl Furanone 10% In Triacetin Natural	OUV3-JRZK5OX	Pareve	Ⓢ Symbol required.
• 1563 Bis 2 Methyl 3 Furyl Disulfide 1% Os Natural	OUV3-KSE21HH	Pareve	Ⓢ Symbol required.
• 1564 4 Methyl Octanoic Acid Natural	OUV3-AQGD6MB	Pareve	Ⓢ Symbol required.
• 1565 Isopropyl Mercaptan Natural	OUV3-GTNQKAU	Pareve	Ⓢ Symbol required.
• 1566 FURANONE 10% TRIACETIN NATURAL	OUV3-HSSC8QD	Pareve	Ⓢ Symbol required.
• 1567 Peach Thiazole 1% Ws-clr Natural	OUV3-E7EIZ2G	Pareve	Ⓢ Symbol required.
• 1568 Maple Furanone 1% Etoh Oc Natural	OUV3-4XOAW60	Pareve	Ⓢ Symbol required.
• 1569 Trans 2 Octenal Natural	OUV3-AEQTED8	Pareve	Ⓢ Symbol required.
• 1570 Pentyl Furan Natural	OUV3-PUT6EGN	Pareve	Ⓢ Symbol required.
• 1571 Methyl 2- Methyl-3- Furyl Disulfide 1% In Triacetin Natural	OUV3-1DBNY2K	Pareve	Ⓢ Symbol required.
• 1572 Bis 2 Methyl 3 Furyl Disulfide 10% Os Natural	OUV3-LBXI2SS	Pareve	Ⓢ Symbol required.
• 1573 2 4 Decadienal 90% Natural	OUV3-JTKSCXM	Pareve	Ⓢ Symbol required.

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Product Name	UKD-ID	Status	Certification Requirements
<b>Brand: Advanced Biotech (continued)</b>			
• 1574 Hexyl 2 Methyl Butyrate Natural	OUV3-G0I5FVI	Pareve	Ⓢ Symbol required.
• 1576 Maple Furanone 1% Ws Natural Non-allergenic	OUV3-GHKJ6PL	Pareve	Ⓢ Symbol required.
• 1578 Grain Fusel Oil S Type Natural	OUV3-TDY28QR	Pareve	Ⓢ Symbol required.
• 1579 Chocotella Super #2 Natural	OUV3-NKSS926	Pareve	Ⓢ Symbol required.
• 1580 2 Methyl 1 Butanol Mixed Isomers Natural	OUV3-EX76IZR	Pareve	Ⓢ Symbol required.
• 1582 Methyl Isobutyrate Natural	OUV3-IFHFHTB	Pareve	Ⓢ Symbol required.
• 1584 Borneol Chiral Natural	OUV3-GKR5PMU	Pareve	Ⓢ Symbol required.
• 1585 Maple Furanone 10% In Triacetin Natural	OUV3-S8JULJX	Pareve	Ⓢ Symbol required.
• 1586 Delta Decalactone Natural	OUV3-UNALDQI	Pareve	Ⓢ Symbol required.
• 1587 Delta Dodecalactone Natural	OUV3-M52AA26	Pareve	Ⓢ Symbol required.
• 1589 3 Methylthio Butanal Natural	OUV3-F0CIIKF	Pareve	Ⓢ Symbol required.
• 1590 Phenyl Ethyl Isobutyrate Nat	OUV3-55NIOA6	Pareve	Ⓢ Symbol required.

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**Advanced Biotech Inc. (continued)**

This is to certify that the following product(s) prepared by this company at the facility(ies) 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
<b>Brand: Advanced Biotech (continued)</b>			
• 1591 Isoamyl 2 Methyl Butyrate Natural	OUV3-LNEQTPE	Pareve	Ⓢ Symbol required.
• 1592 Sodium Acetate Natural	OUV3-WOPJ945	Pareve	Ⓢ Symbol required.
• 1593 2 6 Dimethoxy Phenol Natural	OUV3-MDFUDKL	Pareve	Ⓢ Symbol required.
• 1594 Benzaldehyde Glyceryl Acetal Natural	OUV3-IMKFVDB	Pareve	Ⓢ Symbol required.
• 1595 2 Methyl 3furanthiol Acetate Nat.	OUV3-AHPKHIL	Pareve	Ⓢ Symbol required.
• 1596 Fermentone Concentrate Natural	OUV3-KVHYYNW	Pareve	Ⓢ Symbol required.
• 1597 Phenyl Propyl Acetate Natural	OUV3-TFF31MR	Pareve	Ⓢ Symbol required.
• 1598 Phenyl Propyl Alcohol Natural	OUV3-7TVGWRX	Pareve	Ⓢ Symbol required.
• 1599 Gamma Hexalactone Natural	OUV3-VVEWKQS	Pareve	Ⓢ Symbol required.
• 1600 Mango Furanone Natural	OUV3-LQIZAU3	Pareve	Ⓢ Symbol required.
• 1601 Vanillin Acetate Natural	OUV3-UXFXNS4	Pareve	Ⓢ Symbol required.
• 1603 2 Methyl Butyric Acid Natural	OUV3-9MCQVA9	Pareve	Ⓢ Symbol required.

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Rabbi Menachem Genack, *Rabbinic Administrator, CEO*

**This certification is valid through 11/30/2023**

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# 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

October 25, 2022

**Advanced Biotech Inc. (continued)**

This is to certify that the following product(s) prepared by this company at the facility(ies) 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
<b>Brand: Advanced Biotech (continued)</b>			
• 1604 Ethyl 2 Methyl Butyrate Natural	OUV3-LA5VKRQ	Pareve	Ⓢ Symbol required.
• 1605 Gamma Decalactone Natural	OUV3-WFLCGJB	Pareve	Ⓢ Symbol required.
• 1606 Triacetin Natural	OUV3-LORAQCU	Pareve	Ⓢ Symbol required.
• 1607 L Rhamnose Natural	OUV3-GP692SJ	Pareve	Ⓢ Symbol required.
• 1608 Chocolatone Etoh Natural	OUV3-63IAFPD	Pareve	Ⓢ Symbol required.
• 1609 Chocolatone Tec Natural	OUV3-F4PEFWO	Pareve	Ⓢ Symbol required.
• 1610 Ethyl Furanone Natural	OUV3-LU4CHNL	Pareve	Ⓢ Symbol required.
• 1611 Maple Furanone 10% Pg Natural	OUV3-QD84QEL	Pareve	Ⓢ Symbol required.
• 1612 5 Methyl 2 Hepten 4 One 10% Etoh Natural (filbertone)	OUV3-NKLX9MS	Pareve	Ⓢ Symbol required.
• 1613 Sodium Diacetate (dry Vinegar) Natural	OUV3-YCVHGM7	Pareve	Ⓢ Symbol required.
• 1614 Peach Thiazole 1% Etoh Np Natural	OUV3-KHM4ONM	Pareve	Ⓢ Symbol required.
• 1615 DARK BASE I CP-29648 NATURAL	OUV3-TGDIPBN	Pareve	Ⓢ Symbol required.

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October 25, 2022

**Advanced Biotech Inc. (continued)**

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Product Name	UKD-ID	Status	Certification Requirements
<b>Brand: Advanced Biotech (continued)</b>			
• 1616 DARK BASE II CP-32522 NATURAL	OUV3-JC2A00T	Pareve	Ⓢ Symbol required.
• 1619 Delta Undecalactone Natural	OUV3-TJXQQJP	Pareve	Ⓢ Symbol required.
• 1620 Lactones Mixture Natural	OUV3-CE0JTNR	Pareve	Ⓢ Symbol required.
• 1621 Choclatone Ws Natural	OUV3-QS1WTAF	Pareve	Ⓢ Symbol required.
• 1622 Quesote 25% Tec Natural	OUV3-TJKUKZP	Pareve	Ⓢ Symbol required.
• 1624 Caramel Furanone 1% Etoh Wf Natural	OUV3-J3IYTQQ	Pareve	Ⓢ Symbol required.
• 1625 5 METHYL 2 PHENYL 2 HEXENAL NATURAL	OUV3-1Y3T5VE	Pareve	Ⓢ Symbol required.
• 1626 Whiskey Fusel Oil Natural	OUV3-A4BCETE	Pareve	Ⓢ Symbol required.
• 1628 Aldegen Natural	OUV3-JJNR6OP	Pareve	Ⓢ Symbol required.
• 1629 Fermentone Supra 1% In Triacetin Natural	OUV3-0IBIH6C	Pareve	Ⓢ Symbol required.
• 1630 Acetaldehyde 50% In Triacetin Natural	OUV3-GJTEYVD	Pareve	Ⓢ Symbol required.
• 1633 1 Octen 3 Ol Natural (usa)	OUV3-VD0SRAZ	Pareve	Ⓢ Symbol required.

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October 25, 2022

**Advanced Biotech Inc. (continued)**

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Product Name	UKD-ID	Status	Certification Requirements
<b>Brand: Advanced Biotech (continued)</b>			
• 1634 2,4 Decadienal 95% Natural	OUV3-635C071	Pareve	Ⓢ Symbol required.
• 1635 Ethyl Propionate G Type Natural	OUV3-F3EWKLA	Pareve	Ⓢ Symbol required.
• 1636 Phenyl Acetaldehyde 50% In Phenyl Ethyl Alcohol Natural	OUV3-6POS8KW	Pareve	Ⓢ Symbol required.
• 1637 Phenyl Acetaldehyde 50% In Pg Natural	OUV3-QQYRVCB	Pareve	Ⓢ Symbol required.
• 1638 Phenyl Acetaldehyde 50% Etoh Natural	OUV3-VCS6JXV	Pareve	Ⓢ Symbol required.
• 1640 Linalool Coeur De Bois Hp Natural	OUV3-DG1SPAN	Pareve	Ⓢ Symbol required.
• 1641 Roastarome Natural	OUV3-D0WGTRV	Pareve	Ⓢ Symbol required.
• 1644 Methyl 2 Methyl 3 Furyl Disulfide 1% In Triethyl Citrate Natural	OUV3-4SXU52A	Pareve	Ⓢ Symbol required.
• 1645 DECANAL 50% ETOH (B TYPE) NATURAL	OUV3-JWGOGWJ	Pareve	Ⓢ Symbol required.
• 1646 Ortho Cresol Natural	OUV3-YAEP6ZI	Pareve	Ⓢ Symbol required.
• 1647 Rum Ether (r Type) Natural	OUV3-LGYLUWW	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>			
• 1651 Green Key (halal Type) Natural	OUV3-PRFAVGG	Pareve	Ⓢ Symbol required.
• 1652 DISTILLED FURFURYL MERCAPTAN NATURAL	OUV3-7ODOSR7	Pareve	Ⓢ Symbol required.
• 1653 Methyl Caprylate Natural	OUV3-GWOCWNY	Pareve	Ⓢ Symbol required.
• 1654 2 Acetyl Pyrazine 5% Pg Natural	OUV3-RYGNUHK	Pareve	Ⓢ Symbol required.
• 1655 2 Acetyl Pyrazine 5% Etoh Natural	OUV3-HQBQZLF	Pareve	Ⓢ Symbol required.
• 1656 2 Acetyl Pyrazine 5% Tec Natural	OUV3-OABYCX6	Pareve	Ⓢ Symbol required.
• 1657 2 Acetyl Pyrazine 5% Os Natural	OUV3-HLAN13U	Pareve	Ⓢ Symbol required.
• 1658 Beta Damascenone 5% Pg Natural	OUV3-SLYUCT8	Pareve	Ⓢ Symbol required.
• 1659 Chicory Furanone 5% Etoh Natural	OUV3-MA4C7SP	Pareve	Ⓢ Symbol required.
• 1660 2 Heptanone (i Type) Natural	OUV3-JX9P5SC	Pareve	Ⓢ Symbol required.
• 1661 Ketones (i Type) Natural	OUV3-DGGPLU4	Pareve	Ⓢ Symbol required.
• 1662 Fermentone 5% Etoh Natural	OUV3-WUZSPGB	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>			
• 1663 Beta Damascenone 1% Etoh Nat	OUV3-DPTMIP8	Pareve	Ⓢ Symbol required.
• 1664 Iso Amyl Cinnamate Natural	OUV3-UQQPL0T	Pareve	Ⓢ Symbol required.
• 1665 Mixed Methyl Ketones 10822455 (i Type)	OUV3-IE039AD	Pareve	Ⓢ Symbol required.
• 1667 5 Methyl 2 Hepten 4 One 1% Etoh Natural	OUV3-XKALUK1	Pareve	Ⓢ Symbol required.
• 1668 Fermentone 5% Pg Natural	OUV3-1MOCJ2O	Pareve	Ⓢ Symbol required.
• 1669 Mesifuran 20% Etoh Natural	OUV3-W7CTEGD	Pareve	Ⓢ Symbol required.
• 1670 Gamma Heptalactone Racemic Natural	OUV3-GAMF9OS	Pareve	Ⓢ Symbol required.
• 1671 Butyl Oleate Natural	OUV3-HVJRHV4	Pareve	Ⓢ Symbol required.
• 1672 Hexyl Isobutyrate Natural	OUV3-DITKB26	Pareve	Ⓢ Symbol required.
• 1673 2 Methyl Butyl Isobutyrate Natural	OUV3-PAYBHXR	Pareve	Ⓢ Symbol required.
• 1674 2 Methyl Butyl Caproate Natural	OUV3-9MA25SW	Pareve	Ⓢ Symbol required.
• 1675 Isobutyl 2-methyl Butyrate Natural	OUV3-PDCWQGA	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>			
• 1676 Methyl Furoate Natural	OUV3-NEJUWXP	Pareve	Ⓢ Symbol required.
• 1678 Citral Dimethyl Acetal Natural	OUV3-3HQRSN7	Pareve	Ⓢ Symbol required.
• 1680 2 Nonanol Natural	OUV3-YRXX7JR	Pareve	Ⓢ Symbol required.
• 1681 2 3 5 Trimethyl Pyrazine Hp Natural	OUV3-RZDC90R	Pareve	Ⓢ Symbol required.
• 1682 Fermentone Extra 5% Triacetin	OUV3-ABCQJSN	Pareve	Ⓢ Symbol required.
• 1683 Oxidized Oil High Dienals Nat	OUV3-AEPAIGH	Pareve	Ⓢ Symbol required.
• 1685 STYRALLYL ALCOHOL NATURAL	OUV3-4P8RRNK	Pareve	Ⓢ Symbol required.
• 1686 Butter Booster Os Natural	OUV3-7ICNWVE	Pareve	Ⓢ Symbol required.
• 1687 Butter Booster WS Natural	OUV3-LKHBCRK	Pareve	Ⓢ Symbol required.
• 1690 Tropescado #1 Natural	OUV3-LGHTHL2	Pareve	Ⓢ Symbol required.
• 1692 2 METHYL 3 FURANTHIOL 5% TRIACETIN NATURAL	OUV3-IL3WY15	Pareve	Ⓢ Symbol required.
• 1693 Iso Amyl Acetate Mix Natural	OUV3-YCQPNDH	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>			
• 1695 2 5 Dimethyl Pyrazine (w Type) Natural	OUV3-CRUDU71	Pareve	Ⓢ Symbol required.
• 1697 Tropescado #2 Natural	OUV3-JJNFAYI	Pareve	Ⓢ Symbol required.
• 1698 2 METHYL 3 FURANTHIOL 5% EA NATURAL	OUV3-7AJEIRQ	Pareve	Ⓢ Symbol required.
• 1698 2 Methyl 3 Furanthiol 5-EA Natural	OUV3-967D899	Pareve	Ⓢ Symbol required.
• 1699 SULFUROL ALTERNATIVE NATURAL	OUV3-4X0K8PE	Pareve	Ⓢ Symbol required.
• 1700 MELON ALDEHYDE (T TYPE) NAT	OUV3-RYLWXTH	Pareve	Ⓢ Symbol required.
• 1701 Cis3 Hexenoic Acid 5% Pg Natural	OUV3-CEU8DJR	Pareve	Ⓢ Symbol required.
• 1702 Cis 3 Hexenal 1% Pg Natural	OUV3-6THJ5HV	Pareve	Ⓢ Symbol required.
• 1706 2-methyl 3-furan Acet 1% Os Na	OUV3-LEAS7ET	Pareve	Ⓢ Symbol required.
• 1707 Koolada - Mms Natural	OUV3-TEJG5A9	Pareve	Ⓢ Symbol required.
• 1708 Succinic Acid Crystals Natural	OUV3-TMQCSB0	Pareve	Ⓢ Symbol required.
• 1709 Methyl Isovalerate Natural	OUV3-OVCHUFU	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>			
• 1710 AMBRETTOLIDE NATURAL	OUV3-CGHCQEI	Pareve	Ⓢ Symbol required.
• 1711 2 - ETHYL - 3 (5 OR 6) - DIMETHYL PYRAZINE NATURAL	OUV3-KCKLX3I	Pareve	Ⓢ Symbol required.
• 1712 PYRAZINE MIX VI NATURAL	OUV3-GSNLQDT	Pareve	Ⓢ Symbol required.
• 1714 Methional 5% Sunflower Oil Nat	OUV3-008K0LG	Pareve	Ⓢ Symbol required.
• 1715 Ethyl Acrylate 1% Etoh Natural	OUV3-CTCGEGR	Pareve	Ⓢ Symbol required.
• 1716 Cis 3 Hexenal 1% Etoh Natural	OUV3-VTCXNBK	Pareve	Ⓢ Symbol required.
• 1717 2 Methyl 3 Furanthiol 1% In Sunflower Oil Natural	OUV3-1P8YTLL	Pareve	Ⓢ Symbol required.
• 1718 2,5(6) Dimethyl Pyrazine Nat	OUV3-BKT4S6K	Pareve	Ⓢ Symbol required.
• 1719 2 Methyl 3 Furanthiol 1% Etoh Nat	OUV3-XIRA4KF	Pareve	Ⓢ Symbol required.
• 1720 2 Methyl 3 Furanthiol 1% Ws Na	OUV3-S5ES3OY	Pareve	Ⓢ Symbol required.
• 1721 2 Methyl 3 Furanthiol 1% Os Na	OUV3-GB54XES	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>			
• 1722 2 Methyl 3 Furanthiol 1% Tri N	OUV3-78ZFY8F	Pareve	Ⓢ Symbol required.
• 1723 2 Methyl 3 Furanthiol 1% Ea Na	OUV3-BBXX8EB	Pareve	Ⓢ Symbol required.
• 1724 Aldehyde C 12 10% Etoh Natural	OUV3-F4C7W1O	Pareve	Ⓢ Symbol required.
• 1725 Isopropyl Myristate Natural	OUV3-J3PJMFI	Pareve	Ⓢ Symbol required.
• 1726 ISOBUTYL FORMATE NATURAL	OUV3-XFPHQN4	Pareve	Ⓢ Symbol required.
• 1727 RUM ETHER REPLACER TYPE (H) NATURAL	OUV3-3XXEII4	Pareve	Ⓢ Symbol required.
• 1728 FERULIC ACID NATURAL	OUV3-VW4BGOU	Pareve	Ⓢ Symbol required.
• 1729 DIMETHYL PYRAZINE MIX NATURAL	OUV3-CBJWQIF	Pareve	Ⓢ Symbol required.
• 1730 MOUTHFEEL ENHANCER NATURAL	OUV3-SASI7QY	Pareve	Ⓢ Symbol required.
• 1731 HONEY FLAVOR NATURAL	OUV3-GPQJUXI	Pareve	Ⓢ Symbol required.
• 1732 KEY BASE MX080764 FRUIT BB NATURAL	OUV3-ZNQGFTH	Pareve	Ⓢ Symbol required.
• 1733 DAMASCENONE 1% TRIACETIN NATURAL	OUV3-KNEACBJ	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>			
• 1734 4 VINYLGUIACOL 1% PG NATURAL	OUV3-GZWOLUN	Pareve	Ⓢ Symbol required.
• 1735 TRUFFLE SULFIDE 0.1% PG NAT	OUV3-2WQEP9	Pareve	Ⓢ Symbol required.
• 1736 2 HEPTANETHIOL 0.1% PG NATURAL	OUV3-W0EKPLT	Pareve	Ⓢ Symbol required.
• 1737 ETHYL 3(METHYL)PROP 1% PG NAT	OUV3-FLPMBO5	Pareve	Ⓢ Symbol required.
• 1738 METHYL ORTHO ANISATE NATURAL	OUV3-GQTGPY9	Pareve	Ⓢ Symbol required.
• 1739 CIS 6 NONENOL 1% PG NATURAL	OUV3-B9TXO41	Pareve	Ⓢ Symbol required.
• 1740 WHISKEY LACTONE 1% PG NATURAL	OUV3-JZPGUS6	Pareve	Ⓢ Symbol required.
• 1741 CITRONELLYL ACETATE NATURAL	OUV3-KIX1LG8	Pareve	Ⓢ Symbol required.
• 1742 CITRONELLOL NATURAL	OUV3-SUHKCR1	Pareve	Ⓢ Symbol required.
• 1743 CIS 3 HEXENOL (S TYPE) NATURAL	OUV3-XCTQ8TL	Pareve	Ⓢ Symbol required.
• 1744 CITRONELLYL BUTYRATE NATURAL	OUV3-AHWNN76	Pareve	Ⓢ Symbol required.
• 1745 4 VINYLGUIACOL 10% TRIACETIN NATURAL	OUV3-33IUFAJ	Pareve	Ⓢ Symbol required.

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Product Name	UKD-ID	Status	Certification Requirements
<b>Brand: Advanced Biotech (continued)</b>			
• 1746 WESTGATE FATTY ACID BLEND NATURAL	OUV3-HNGFTL2	Pareve	Ⓢ Symbol required.
• 1747 PHENYL ETHYL PHENYL ACETATE NATURAL	OUV3-CI9EBLA	Pareve	Ⓢ Symbol required.
• 1748 2 DECANONE NATURAL	OUV3-OBKCEGQ	Pareve	Ⓢ Symbol required.
• 1749 PYRAZINE MIX VIII NATURAL	OUV3-PLQHTZY	Pareve	Ⓢ Symbol required.
• 1750 BETA DAMASCENONE 1% ETOH (S) NATURAL	OUV3-FMPQYNO	Pareve	Ⓢ Symbol required.
• 1751 2 BUTANONE NATURAL	OUV3-94V7UJR	Pareve	Ⓢ Symbol required.
• 1752 VALERIC ACID NATURAL	OUV3-GCDTJNY	Pareve	Ⓢ Symbol required.
• 1753 IONONE (S TYPE) NATURAL	OUV3-O89UR1I	Pareve	Ⓢ Symbol required.
• 1754 ROSE OXIDE NATURAL	OUV3-HYYQEOL	Pareve	Ⓢ Symbol required.
• 1755 CINNAMYL PROPIONATE NATURAL	OUV3-YXY3XNJ	Pareve	Ⓢ Symbol required.
• 1756 TRANS 2 NONENAL 10% TR NATURAL	OUV3-CALSVTP	Pareve	Ⓢ Symbol required.
• 1757 SWEETNESS ENHANCER FLAVOR TYPE NATURAL	OUV3-TBXLVSM	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 11/30/2023**



# 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

October 25, 2022

**Advanced Biotech Inc. (continued)**

This is to certify that the following product(s) prepared by this company at the facility(ies) 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
<b>Brand: Advanced Biotech (continued)</b>			
• 1758 1 HEPTANOL	OUV3-K2TFITR	Pareve	Ⓢ Symbol required.
• 1759 DELTA TETRADECALACTONE NATURAL	OUV3-RPPZCDG	Pareve	Ⓢ Symbol required.
• 1760 ALDEHYDE BLEND NATURAL	OUV3-MQFVTGU	Pareve	Ⓢ Symbol required.
• 1761 PASSIONFRUIT MERCAPTAN 1% ETOH	OUV3-L3WS4YU	Pareve	Ⓢ Symbol required.
• 1762 PASSIONFRUIT MERCAPTAN 1% PG	OUV3-QDUYTSP	Pareve	Ⓢ Symbol required.
• 1763 Oxidized Sunflower Oil Natural	OUV3-KTBWSFP	Pareve	Ⓢ Symbol required.
• 1764 4 VINYL GUAIACOL 1% TEC NAT	OUV3-BRVMLMN	Pareve	Ⓢ Symbol required.
• 1765 T2,C6 NONADIENAL 10% ETOAC NATURAL	OUV3-IFDOZWU	Pareve	Ⓢ Symbol required.
• 1766 CITRONELLIC ACID NATURAL	OUV3-AWU0X0I	Pareve	Ⓢ Symbol required.
• 1768 SMOKE FLAVOR SMK306 NATURAL	OUV3-UVFDIU7	Pareve	Ⓢ Symbol required.
• 1769 SMOKE FLAVOR SMK304 NATURAL	OUV3-QDNJBMF	Pareve	Ⓢ Symbol required.
• 1770 SMOKE FLAVOR SMK301 NATURAL	OUV3-FVQLAKF	Pareve	Ⓢ Symbol required.

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October 25, 2022

**Advanced Biotech Inc. (continued)**

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Product Name	UKD-ID	Status	Certification Requirements
<b>Brand: Advanced Biotech (continued)</b>			
• 1771 SMOKE FLAVOR SMK392 NATURAL	OUV3-H53W6UY	Pareve	Ⓢ Symbol required.
• 1772 SMOKE FLAVOR SMK385 NATURAL	OUV3-EHNIV9P	Pareve	Ⓢ Symbol required.
• 1773 SMOKE FLAVOR SMK360 NATURAL	OUV3-PTMRWOM	Pareve	Ⓢ Symbol required.
• 1775 SMOKE FLAVOR SMK340 NATURAL	OUV3-F6TRRMF	Pareve	Ⓢ Symbol required.
• 1776 COGNAC LACTONE 5% ETOH NATURAL	OUV3-HJ56XNS	Pareve	Ⓢ Symbol required.
• 1777 COGNAC LACTONE 5% PG NATURAL	OUV3-5LMSSX4	Pareve	Ⓢ Symbol required.
• 1779 1 PHENYLETHYL MERCAPTAN 0.1% PG NATURAL	OUV3-AT2JZDW	Pareve	Ⓢ Symbol required.
• 1780 1 PHENYLETHYL MERCAPTAN 0.1% ET NATURAL	OUV3-ZAVDB9R	Pareve	Ⓢ Symbol required.
• 1781 ALLYL PHENYLACETATE NATURAL	OUV3-JDDHE7A	Pareve	Ⓢ Symbol required.
• 1782 CITRONELLYL PROPIONATE NATURAL	OUV3-AO34DVI	Pareve	Ⓢ Symbol required.
• 1783 PHENETHYL CINNAMATE NATURAL	OUV3-EMNDTTP	Pareve	Ⓢ Symbol required.
• 1784 HEXYL PHENYLACETATE NATURAL	OUV3-QRGUVNM	Pareve	Ⓢ Symbol required.

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**This certification is valid through 11/30/2023**

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# ORTHODOX UNION

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October 25, 2022

**Advanced Biotech Inc. (continued)**

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Product Name	UKD-ID	Status	Certification Requirements
<b>Brand: Advanced Biotech (continued)</b>			
• 1786 ETHYL ACRYLATE 1% TRIACETIN NATURAL	OUV3-EDYJERD	Pareve	Ⓢ Symbol required.
• 1787 2 METHYL 3 FURANTHIOL 5% ETOH (G TYPE) NATURAL	OUV3-DDHX1JD	Pareve	Ⓢ Symbol required.
• 1788 HEXYL ISOVALERATE NATURAL	OUV3-0AJA4RO	Pareve	Ⓢ Symbol required.
• 1789 BUTTER ESTERS TYPE (F) NATURAL	OUV3-XQ6TAUE	Pareve	Ⓢ Symbol required.
• 1790 BUTTER ESTERS TYPE (S0) NATURAL	OUV3-VGDNKLV	Pareve	Ⓢ Symbol required.
• 1791 BUTTER ESTERS TYPE (S1) NAT	OUV3-PPF2SNG	Pareve	Ⓢ Symbol required.
• 1792 OCTYL FORMATE NATURAL	OUV3-RHM2DJM	Pareve	Ⓢ Symbol required.
• 1793 FURFURYL MERCAPTAN 14% PG NAT	OUV3-IUYMDFP	Pareve	Ⓢ Symbol required.
• 1793 FURFURYL MERCAPTAN 14% PG NATURAL	OUV3-WD6BLTH	Pareve	Ⓢ Symbol required.
• 1794 Furfural 5% PG Natural	OUV3-IGTJFBL	Pareve	Ⓢ Symbol required.
• 1796 PHENETHYL ISOVALERATE NATURAL	OUV3-SHTZJMU	Pareve	Ⓢ Symbol required.

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October 25, 2022

### Advanced Biotech Inc. (continued)

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Product Name	UKD-ID	Status	Certification Requirements
<b>Brand: Advanced Biotech (continued)</b>			
• 1797 ABTVANFORALL PLUS™ NATURAL	OUV3-AGSHU5R	Pareve	Ⓢ Symbol required.
• 1798 PIPERINE NATURAL	OUV3-Z6XNVH2	Pareve	Ⓢ Symbol required.
• 1799 PYRAZINE MIX IX NATURAL	OUV3-PBHG7IM	Pareve	Ⓢ Symbol required.
• 1800 ETHYL ACRYLATE 1% IN ETHYL ACETATE NATURAL	OUV3-Y2AXUIH	Pareve	Ⓢ Symbol required.
• 1802 DAMASCENONE 1% IN TEC NATURAL	OUV3-EU800ED	Pareve	Ⓢ Symbol required.
• 1803 2 TROPICAL OXATHIANE 1% ETOH NATURAL	OUV3-GZKRMMG	Pareve	Ⓢ Symbol required.
• 1804 2 TROPICAL OXATHIANE 1% PG NATURAL	OUV3-6C7QBII	Pareve	Ⓢ Symbol required.
• 1805 GRAPEFRUIT MERCAPTAN 1% TEC NATURAL	OUV3-92V5YPU	Pareve	Ⓢ Symbol required.
• 1806 4 VINYL GUAIACOL 1% ETOH NATURAL	OUV3-1PJ48TF	Pareve	Ⓢ Symbol required.
• 1809 LINOLEIC ACID NATURAL	OUV3-FJEBN9H	Pareve	Ⓢ Symbol required.
• 1810 ISOAMYL ISOVALERATE (MIXED ISOMERS) NATURAL	OUV3-J3TCDJ7	Pareve	Ⓢ Symbol required.

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This certification is valid through 11/30/2023

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October 25, 2022

**Advanced Biotech Inc. (continued)**

This is to certify that the following product(s) prepared by this company at the facility(ies) 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
<b>Brand: Advanced Biotech (continued)</b>			
• 1811 2 METHYLBUTYL ISOVALERATE NATURAL	OUV3-KWMUP9W	Pareve	Ⓢ Symbol required.
• 1812 CARAMEL FURANONE 1% OS NATURAL	OUV3-H7KTPPH	Pareve	Ⓢ Symbol required.
• 1813 Natural 2 Methoxy 3 Isobutyl Pyrazine	OUV3-HH4GT2N	Pareve	Ⓢ Symbol required.
• 1814 METHYL MERCAPTAN 5% ETOH NATURAL	OUV3-UGXUWQR	Pareve	Ⓢ Symbol required.
• 1815 METHYL MERCAPTAN 5% TEC NATURAL	OUV3-0HB1LYN	Pareve	Ⓢ Symbol required.
• 1816 METHYL MERCAPTAN 1% NEOBEE OIL	OUV3-Z5LBNNK	Pareve	Ⓢ Symbol required.
• 1817 METHYL MERCAPTAN 1% SF OIL NATURAL	OUV3-TB8OGUK	Pareve	Ⓢ Symbol required.
• 1818 NEROL/GERANIOL (70/30) NATURAL	OUV3-D6SUQ9P	Pareve	Ⓢ Symbol required.
• 1819 TRUFFLE SULFIDE 1% OS NATURAL	OUV3-ULGBQOV	Pareve	Ⓢ Symbol required.
• 1820 HYDROXYCITRONELLAL NATURAL	OUV3-YYGY5UO	Pareve	Ⓢ Symbol required.
• 1821 METHIONAL 5% PG NATURAL	OUV3-MZDNFFS	Pareve	Ⓢ Symbol required.
• 1822 NEROL/GERANIOL (80/20) NATURAL	OUV3-CYWG5EW	Pareve	Ⓢ Symbol required.

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**Advanced Biotech Inc. (continued)**

This is to certify that the following product(s) prepared by this company at the facility(ies) 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
<b>Brand: Advanced Biotech (continued)</b>			
• 1823 PAA/PEA MIX 10% ETOH NATURAL	OUV3-KCJHMST	Pareve	Ⓢ Symbol required.
• 1824 ETHYL FURANONE 10% ETOH NAT	OUV3-W4EXSQ2	Pareve	Ⓢ Symbol required.
• 1825 GREEN BELL PEPPER PYRAZINE 5% ETOH NATURAL	OUV3-QB0BG0A	Pareve	Ⓢ Symbol required.
• 1826 GREEN BELL PEPPER PYRAZINE 5% PG NATURAL	OUV3-MPM6IFH	Pareve	Ⓢ Symbol required.
• 1827 GREEN BELL PEPPER PYRAZINE 5% OS NATURAL	OUV3-XK8OG4C	Pareve	Ⓢ Symbol required.
• 1828 L PROLINE NATURAL	OUV3-BBXZ2ZY	Pareve	Ⓢ Symbol required.
• 1830 THIALDINE 1% ETOH NATURAL	OUV3-VY629HM	Pareve	Ⓢ Symbol required.
• 1831 THIALDINE 1% PG NATURAL	OUV3-3BXRZOP	Pareve	Ⓢ Symbol required.
• 1832 THIALDINE 1% OS NATURAL	OUV3-YZBJQDO	Pareve	Ⓢ Symbol required.
• 1833 4 VINYL GUAIACOL 50% ETOH NATURAL	OUV3-R6V7XOJ	Pareve	Ⓢ Symbol required.
• 1834 TRIMETHYLAMINE 10% OS NATURAL	OUV3-DIYGPQR	Pareve	Ⓢ Symbol required.
• 1835 TRIMETHYLAMINE 10% WATER NATURAL	OUV3-RREXAQ5	Pareve	Ⓢ Symbol required.

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October 25, 2022

**Advanced Biotech Inc. (continued)**

This is to certify that the following product(s) prepared by this company at the facility(ies) 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
<b>Brand: Advanced Biotech (continued)</b>			
• 1836 TRIMETHYLAMINE 25% ACETIC ACID NATURAL	OUV3-50LMKT2	Pareve	Ⓢ Symbol required.
• 1837 2 ISOPROPYL 5 METHYL 2 HEXENAL NATURAL	OUV3-U2V2GXU	Pareve	Ⓢ Symbol required.
• 1838 Passionfruit Mercaptan 1% TAC Natural	OUV3-FJACGXT	Pareve	Ⓢ Symbol required.
• 1839 DIFURFURYL DISULFIDE 10% ETOH NATURAL	OUV3-0PS1WEX	Pareve	Ⓢ Symbol required.
• 1840 Methyl Mercaptan 5% PG Natural	OUV3-1XXFFLW	Pareve	Ⓢ Symbol required.
• 1841 DELTA NONALACTONE NATURAL	OUV3-L8CDQBP	Pareve	Ⓢ Symbol required.
• 1842 CHOCLATONE PG NATURAL	OUV3-WVITNFC	Pareve	Ⓢ Symbol required.
• 1843 CHOCLATONE TAC NATURAL	OUV3-DYBJPMY	Pareve	Ⓢ Symbol required.
• 1844 2 ETHYL 4 METHYL THIAZOLE 1% ETOH NATURAL	OUV3-ELHSSDN	Pareve	Ⓢ Symbol required.
• 1845 MAPLE FURANONE 10% OS NATURAL	OUV3-Y2DJ210	Pareve	Ⓢ Symbol required.
• 1847 BETA DAMASCONE NATURAL	OUV3-HCBHEW6	Pareve	Ⓢ Symbol required.
• 1848 1 P-METHENE 8 THIOL 1% TRIACETIN NATURAL	OUV3-A6LGPH8	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>			
• 1849 CHOCLATONE TAC CONCENTRATE NATURAL	OUV3-YFETRDY	Pareve	Ⓢ Symbol required.
• 1850 2 METHYL 3 FURANTHIOL 5% SO (NP) NATURAL	OUV3-RDDWKFG	Pareve	Ⓢ Symbol required.
• 1851 DAMASCONE 5% ETOH NATURAL	OUV3-I4UTLLJ	Pareve	Ⓢ Symbol required.
• 1852 DAMASCONE 5% PG NATURAL	OUV3-VO9NJX1	Pareve	Ⓢ Symbol required.
• 1853 DAMASCONE 5% OS NATURAL	OUV3-3XPH96O	Pareve	Ⓢ Symbol required.
• 1855 METHYL THIOBUTYRATE 5% TEC NATURAL	OUV3-96XMVIX	Pareve	Ⓢ Symbol required.
• 1856 CITRAL NATURAL	OUV3-ER4F4YE	Pareve	Ⓢ Symbol required.
• 1857 Natural Beta Damascenone 1% PG	OUV3-XYDIQBJ	Pareve	Ⓢ Symbol required.
• 1858 FURFURYL MERCAPTAN 1% SO NATURAL	OUV3-76QZ2E1	Pareve	Ⓢ Symbol required.
• 1859 BACONAL PEA NATURAL	OUV3-RLWJBOA	Pareve	Ⓢ Symbol required.
• 1860 Flavor Blend #1 Natural	OUV3-OFAIP8E	Pareve	Ⓢ Symbol required.
• 1861 Flavor Blend #2 Natural	OUV3-MFVHRM7	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>			
• 1862 2 METHYL 3 FURANTHIOL 5% OS NP NATURAL	OUV3-0TSBO3Z	Pareve	Ⓢ Symbol required.
• 1863 T2,C6 NONADIENOL 1% ETOH NATURAL	OUV3-MJYJZO7	Pareve	Ⓢ Symbol required.
• 1864 T2,C6 NONADIENOL 1% PG NATURAL	OUV3-2UDIQ45	Pareve	Ⓢ Symbol required.
• 1865 T2,C6 NONADIENOL 1% OS NATURAL	OUV3-TLAVTAM	Pareve	Ⓢ Symbol required.
• 1866 2 PENTADECANONE NATURAL	OUV3-NRY6XNE	Pareve	Ⓢ Symbol required.
• 1867 P MENTHENE 8 THIOL 0.1% D'LIMONENE NATURAL	OUV3-NLQQ10J	Pareve	Ⓢ Symbol required.
• 1868 T2,C6 NONADIENOL 1% TRIACETIN NATURAL	OUV3-XH7KRIZ	Pareve	Ⓢ Symbol required.
• 1869 ISOAMYL ACETATE MIX (I TYPE) NATURAL	OUV3-FA8YTKQ	Pareve	Ⓢ Symbol required.
• 1870 SEAFOOD SUPREME 100x NATURAL	OUV3-UKOIOOA	Pareve	Ⓢ Symbol required.
• 1871 SKATOLE 1% ETOH NATURAL	OUV3-LQHF48R	Pareve	Ⓢ Symbol required.
• 1872 SKATOLE 1% PG NATURAL	OUV3-R7CRION	Pareve	Ⓢ Symbol required.
• 1873 SKATOLE 1% TEC NATURAL	OUV3-U3TTBML	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>			
• 1874 SKATOLE 1% OS NATURAL	OUV3-LWWUGCG	Pareve	Ⓢ Symbol required.
• 1877 PEACH THIAZOLE 1% TAC OC NATURAL	OUV3-U3HLK8Q	Pareve	Ⓢ Symbol required.
• 1878 METHYL KETONES MIX (E TYPE) NATURAL	OUV3-MOAJH4O	Pareve	Ⓢ Symbol required.
• 1879 BETA DAMASCONE 1% ETOH NATURAL	OUV3-QXKQTJM	Pareve	Ⓢ Symbol required.
• 1880 BETA DAMASCONE 1% TAC NATURAL	OUV3-QTPBU4D	Pareve	Ⓢ Symbol required.
• 1881 DECANOL NATURAL	OUV3-T0FJMB9	Pareve	Ⓢ Symbol required.
• 1882 PHENYLACETIC ACID 10% ETOH NATURAL	OUV3-9TJ6SET	Pareve	Ⓢ Symbol required.
• 1883 TRUFFLE SULFIDE 1% PG NATURAL	OUV3-ADDXYTB	Pareve	Ⓢ Symbol required.
• 1884 LAURIC ACID (FLAKE) NATURAL	OUV3-G1L9SZN	Pareve	Ⓢ Symbol required.
• 1885 PALMITIC ACID (FLAKE) NATURAL	OUV3-3KVUMKH	Pareve	Ⓢ Symbol required.
• 1886 MYRISTIC ACID (FLAKE) NATURAL	OUV3-XCABKXY	Pareve	Ⓢ Symbol required.
• 1887 STEARIC ACID (FLAKE) NATURAL	OUV3-I1YMGPJ	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>			
• 1888 T2,C6 NONADIENOL 1% ETHYL ACETATE NATURAL	OUV3-A41MF7Y	Pareve	Ⓢ Symbol required.
• 1889 CAPRIC/CAPRYLIC ACID 50/50 NAT	OUV3-VOFCUR1	Pareve	Ⓢ Symbol required.
<b>Brand: Advanced Biotech Inc.</b>			
• 1846 DELTA OCTALACTONE NATURAL	OUV3-DGDECOF	Pareve	Ⓢ Symbol required.
• 1854 ISO BUTYL CAPROATE NATURAL	OUV3-NTTUVAE	Pareve	Ⓢ Symbol required.
• 1876 Boterome Natural	OUV3-OY5RAOR	Pareve	Ⓢ Symbol required.

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