



ORTHODOX UNION

LETTER OF KOSHER CERTIFICATION

נס"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 19, 2018

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
Brand: Advanced Biotech			
• 4001 2 Ethyl 4 Methyl Thiazole	OUV3-GKQ2Q1O	Pareve	Ⓢ Symbol required.
• 4002 2,6 Dimethyl Pyrazine	OUV3-RT9WB93	Pareve	Ⓢ Symbol required.
• 4004 2 Methoxy 3(5/6) Methyl Pyrazine	OUV3-IDSF9CO	Pareve	Ⓢ Symbol required.
• 4005 2 Methyl Pyrazine	OUV3-EJNWCR	Pareve	Ⓢ Symbol required.
• 4006 2 Iso Propyl 4 Methyl Thiazole	OUV3-AG1URQV	Pareve	Ⓢ Symbol required.
• 4007 2,3 Dimethyl Pyrazine	OUV3-ZLMVUGX	Pareve	Ⓢ Symbol required.
• 4008 2 5 Dimethyl Pyrazine	OUV3-5T3TKKB	Pareve	Ⓢ Symbol required.
• 4009 2 3 5 Tri Methyl Pyrazine	OUV3-DBSGTC4	Pareve	Ⓢ Symbol required.
• 4010 2 3 5 6 Tetramethyl Pyrazine	OUV3-0QNAJC6	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 11/30/2019



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Advanced Biotech Inc. (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Advanced Biotech (continued)			
• 4011 2 Ethyl 3 Methyl Pyrazine	OUV3-BP9OY1O	Pareve	Ⓢ Symbol required.
• 4012 2 3 Diethyl 5 Methyl Pyrazine	OUV3-PFWFCXV	Pareve	Ⓢ Symbol required.
• 4013 2 Ethyl Pyrazine	OUV3-CVIIQPH	Pareve	Ⓢ Symbol required.
• 4014 2 Acetyl Pyrazine	OUV3-S1ZK1CK	Pareve	Ⓢ Symbol required.
• 4015 2 Methoxy 3 Iso Butyl Pyrazine	OUV3-XSHNBPD	Pareve	Ⓢ Symbol required.
• 4016 2 Methoxy 3 Sec Butyl Pyrazine	OUV3-WEJ4HRO	Pareve	Ⓢ Symbol required.
• 4019 Difurfuryl Disulfide Synthetic	OUV3-GCHG71W	Pareve	Ⓢ Symbol required.
• 4020 Difurfuryl Sulfide	OUV3-CE0PXQU	Pareve	Ⓢ Symbol required.
• 4021 2 Furfurylthio 3(5/6)methyl Pyrazine	OUV3-G35T2SM	Pareve	Ⓢ Symbol required.

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Advanced Biotech (continued)			
• 4022 2acetyl Thiazole	OUV3-7LSCGD9	Pareve	Ⓢ Symbol required.
• 4023 2 Acetyl Pyrrole	OUV3-E2IMIQM	Pareve	Ⓢ Symbol required.
• 4024 4,5 Dimethyl Thiazole	OUV3-KWDE3RU	Pareve	Ⓢ Symbol required.
• 4025 2 4 5 Trimethyl Thiazole	OUV3-TX5LF2X	Pareve	Ⓢ Symbol required.
• 4026 2 4 Dimethyl 5 Acetyl Thiazole	OUV3-LCMAEQQ	Pareve	Ⓢ Symbol required.
• 4027 Sulfurol	OUV3-VXASWKP	Pareve	Ⓢ Symbol required.
• 4028 Sulfuryl Acetate	OUV3-LFPJYH7	Pareve	Ⓢ Symbol required.
• 4029 2 Acetyl Furan	OUV3-POOQ8YQ	Pareve	Ⓢ Symbol required.
• 4030 Beta Homocyclocitral	OUV3-7LAWILO	Pareve	Ⓢ Symbol required.

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Advanced Biotech (continued)			
• 4031 5 Methyl Furfural	OUV3-UW8PFC2	Pareve	Ⓢ Symbol required.
• 4032 Furfuryl Methyl Sulphide	OUV3-9M5KALA	Pareve	Ⓢ Symbol required.
• 4033 5 6 7 8 Tetrahydroquinoxaline	OUV3-MYFSRC1	Pareve	Ⓢ Symbol required.
• 4034 2 Acetyl Pyridine	OUV3-IWAKNNC	Pareve	Ⓢ Symbol required.
• 4035 Furfuryl Mercaptan	OUV3-XGSIYFM	Pareve	Ⓢ Symbol required.
• 4036 Methyl (3-methylthio) Propionate	OUV3-VSRNLD	Pareve	Ⓢ Symbol required.
• 4036 Methyl 3methyl Thiopropionate	OUV3-TYHIP6U	Pareve	Ⓢ Symbol required.
• 4037 2 Methylthio 3(5/6) Methyl Pyrazine	OUV3-ER6SMYV	Pareve	Ⓢ Symbol required.
• 4038 2 Methyl 3 Furanthiol	OUV3-WYAATD9	Pareve	Ⓢ Symbol required.

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Advanced Biotech (continued)			
• 4039 Furfuryl Thioacetate	OUV3-U1UBQKV	Pareve	Ⓢ Symbol required.
• 4040 2 Methyl Tetrahydrofuran-3-one	OUV3-FYTC8TA	Pareve	Ⓢ Symbol required.
• 4041 2 Methoxy 3 Methylpyrazine	OUV3-SUDIJSH	Pareve	Ⓢ Symbol required.
• 4043 Tetrahydrofurfuryl Acetate	OUV3-SXIAPJH	Pareve	Ⓢ Symbol required.
• 4044 Ethyl (3-methylthio) Propionate	OUV3-A9ORL90	Pareve	Ⓢ Symbol required.
• 4048 Methional Synthetic	OUV3-HWN9YDJ	Pareve	Ⓢ Symbol required.
• 4049 Methionol Synthetic	OUV3-IYXRG81	Pareve	Ⓢ Symbol required.
• 4050 3 Mercapto 2 Butanone 10% In Triacetin Synthetic	OUV3-LRXR4AT	Pareve	Ⓢ Symbol required.
• 4052 2 Mercapto 3-butanol	OUV3-ILSM9IA	Pareve	Ⓢ Symbol required.

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Advanced Biotech (continued)			
• 4054 4 Ethyl Guaiacol Synthetic	OUV3-O8QE4QX	Pareve	Ⓢ Symbol required.
• 4061 2 Methyl 3 Tetrahydrofuranthiol	OUV3-MN4EA7F	Pareve	Ⓢ Symbol required.
• 4062 Methyl 2-methyl 3-furyl Disulfide	OUV3-GVWQJBJ	Pareve	Ⓢ Symbol required.
• 4065 2 Methoxy Pyrazine	OUV3-L32DDXG	Pareve	Ⓢ Symbol required.
• 4067 2 Methylthio Pyrazine	OUV3-8DUK11G	Pareve	Ⓢ Symbol required.
• 4068 2 Iso Butyl Thiazole	OUV3-4MM2HUA	Pareve	Ⓢ Symbol required.
• 4069 Bis (2 Methyl 3-furyl) Disulfide	OUV3-CYITFRF	Pareve	Ⓢ Symbol required.
• 4074 2 Isopropyl 5 Methyl 2 Hexenal	OUV3-WVI3SRQ	Pareve	Ⓢ Symbol required.
• 4075 4,5 Dihydro 3 (2h) Thiophenone	OUV3-FTSVCBN	Pareve	Ⓢ Symbol required.

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Advanced Biotech (continued)			
• 4076 2 5 6 Dimethyl Pyrazine	OUV3-CKJV5DY	Pareve	Ⓢ Symbol required.
• 4077 2 Methoxy 3 Isopropyl Pyrazine	OUV3-R63KU4B	Pareve	Ⓢ Symbol required.
• 4078 Furfuryl Thiopropionate	OUV3-DLLUBXA	Pareve	Ⓢ Symbol required.
• 4079 5h-5-methyl-6,7 Dihydrocyclopenta (b) Pyrazine	OUV3-DCQKBM5	Pareve	Ⓢ Symbol required.
• 4080 Butyl Mercaptan Synthetic	OUV3-3YOAVDX	Pareve	Ⓢ Symbol required.
• 4081 Propyl Disulfide	OUV3-I3YIXQV	Pareve	Ⓢ Symbol required.
• 4082 Isobutyl Mercaptan	OUV3-I4AFCNR	Pareve	Ⓢ Symbol required.
• 4083 Allyl Iso Thiocyanate Synthetic	OUV3-ULFZLX8	Pareve	Ⓢ Symbol required.
• 4084 3 Acetyl Pyridine	OUV3-K1FCMRS	Pareve	Ⓢ Symbol required.

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Advanced Biotech (continued)			
• 4085 Trimethyl Amine 30% Water	OUV3-OJBIMWL	Pareve	Ⓢ Symbol required.
• 4086 Pyrazine Ethanethiol	OUV3-IIPVSAA	Pareve	Ⓢ Symbol required.
• 4087 3 Methylthio Propyl Isothiocyanate	OUV3-Q1NNBWT	Pareve	Ⓢ Symbol required.
• 4088 Furfuryl Methyl Disulfide	OUV3-C4XHQM9	Pareve	Ⓢ Symbol required.
• 4089 Trimethyl Amine 10% In Triacetin	OUV3-HIUUQGM	Pareve	Ⓢ Symbol required.
• 4090 Sulfuryl Butyrate	OUV3-2HWEVCD	Pareve	Ⓢ Symbol required.
• 4091 Propyl Mercaptan Synthetic	OUV3-WUYIWED	Pareve	Ⓢ Symbol required.
• 4092 Isopropyl Mercaptan Synthetic	OUV3-IDTVZ74	Pareve	Ⓢ Symbol required.
• 4093 Diallyl Sulfide	OUV3-S3PCO6J	Pareve	Ⓢ Symbol required.

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Advanced Biotech (continued)			
• 4094 Diallyl Disulfide	OUV3-BZKMHMG	Pareve	Ⓢ Symbol required.
• 4095 Diallyl Trisulfide	OUV3-PGLX6FD	Pareve	Ⓢ Symbol required.
• 4096 Allyl Methyl Disulfide	OUV3-DDVUHYY	Pareve	Ⓢ Symbol required.
• 4549 Bis (methylthio) Methane	OUV3-KSQY4T2	Pareve	Ⓢ Symbol required.

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