

# Kosher Certificate



KC#VK46136-1

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**Rabbi Sholom H. Adler**  
Senior Kashrus Administrator

**Rabbi Yehuda Goldman**  
Chief Executive Officer

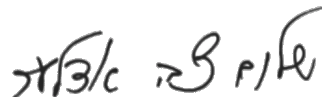
23 Nisan, 5783  
April 14, 2023



**WholeChem Blends LLC**  
9900 Durand Ave  
Sturtvent, WI 53177 USA

The following products manufactured by WholeChem Blends LLC are certified Kosher with the listed restrictions.

Name	VKD	Status	Notes	Restriction
(+/-)-TRANS,CIS-2-HEXENAL PROPYLENE GLYCOL ACETAL CAS 94089-21-1 FEMA 4272	EKGC1Z2AMP	Pareve		Symbol
(S)-(-)-β-Citronellol (CAS 7540-51-4, FEMA 2309 Batch # 20220816-533.	EKUM94KTYX	Pareve		Lot Specific
(S)-(-)-β-Citronellol (CAS 7540-51-4, FEMA 2309)	EK80H0AS8T	Pareve		Symbol
1,3-Diphenyl-2-Propanone (CAS 102-04-5, FEMA 2397)	EKC8TT0DNW	Pareve		None
1-Methylbutyl Acetate (CAS 626-38-0, FEMA 4012)	EK4CFDX217	Pareve		Symbol
1-Propanol, 99% min, Kosher (CAS 71-23-8, FEMA 2928)	EKPQB4D7J4	Pareve		None
2(10)-Pinen-3-ol (CAS 5947-36-4, FEMA 3587)	EK6745S24U	Pareve		None
2,3,5,6-Tetramethylpyrazine, Natural	EKMKE7OHF	Pareve		None
2,3,5-Trimethylpyrazine (CAS 14667-55-1, FEMA 3244)	EKG80V11C4	Pareve		Symbol
2,3,5-Trimethylpyrazine, Natural	EKOFLVKMQM	Pareve		None



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# Kosher Certificate



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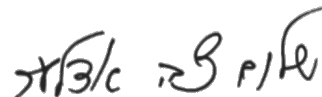
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9900 Durand Ave  
Sturtevant, WI 53177 USA

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Name	VKD	Status	Notes	Restriction
2,3,6-trimethylphenol	EK1KHNO0T7	Pareve		Symbol
2,3,6-Trimethylphenol (CAS 2416-94-6, FEMA 3963)	EK2O8U5635	Pareve		Symbol
2,4-Dihydroxybenzoic Acid (CAS 89-86-1, FEMA 3798)	EK454LKEZ0	Pareve		None
2,5-Dimethylpyrazine, Natural (CAS 123-32-0, FEMA 3272)	EKKYM6IM2I	Pareve		None
2-Ethyl-1-Hexanol (CAS 104-76-7, FEMA 3151)	EKSEKM0F2P	Pareve		Symbol
2-Ethylhexyl Acetate	EK55E3TVPN	Pareve		Symbol
2-Ethylhexyl Salicylate (CAS 118-60-5)	EKV08V9BCH	Pareve		None
2-Isopropylphenol (CAS 88-69-7, FEMA 3461)	EKOQ8QPQRG	Pareve		Symbol
2-METHOXY PYRIDINE (CAS 1628-89-3, FEMA 4639)	EKD9ZR29X7	Pareve		Symbol
2-Methoxy-4-Vinylphenol	EKPTUNIMN7	Pareve		Symbol



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# Kosher Certificate



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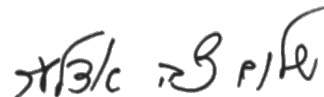


## WholeChem Blends LLC

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Sturtvent, WI 53177 USA

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Name	VKD	Status	Notes	Restriction
2-Methyl-4-Propyl-1,3-Oxathiane (CAS 67715-80-4, FEMA 3578)	EKETZFWXJD	Pareve		None
3,5,5-Trimethylhexanal, 97%+ (CAS 5435-64-3, FEMA 3524)	EKBJ86XUBG	Pareve		Symbol
3,5-Dimethyl-1,2-Cyclopentadione (CAS 13494-07-0, FEMA 3269)	EKCXY8E02R	Pareve		Symbol
3-(Methylthio)Butanal (CAS 16630-52-7, FEMA 3374)	EK99EB5NH9	Pareve		None
3-Decen-2-one (CAS 10519-33-2, FEMA 3532)	EK8AJ4LOR2	Pareve		Symbol
3-Methyl-2-Buten-1-ol (CAS 556-82-1)	EKBMNPXWHF	Pareve		None
3-Methyl-2-Butenal (CAS 107-86-8, FEMA 3646)"	EKP2QGU0FA	Pareve		None
3-Propylideneophthalide (CAS 17369-59-4, FEMA 2952)	EKJTGf3BAR	Pareve		None
4-Methyl-1-phenyl-2-pentanone	EK4WBZW1YR	Pareve		Symbol
4-METHYL-2-PENTYL-1,3-DIOXOLANE, mixed isomers CAS 1599-49-1 FEMA 3630	EKFYN4ZD9F	Pareve		Symbol



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# Kosher Certificate



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Sturtvent, WI 53177 USA

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Name	VKD	Status	Notes	Restriction
4-Methyl-3-Penten-2-one (CAS 141-79-7, FEMA 3368)	EK2SWZF9JS	Pareve		Symbol
4-Oxoisophorone (CAS 1125-21-9, FEMA 3421)	EKOTKSQQCF	Pareve		None
5-Methyl-2-Hepten-4-one (CAS 81925-81-7, FEMA 3761)	EKZG3O9D8L	Pareve		None
5-Methyl-2-Phenyl-2-Hexenal (CAS 21834-92-4, FEMA 3199).	EK7KL1KYUO	Pareve		Symbol
6-Amyl Alpha Pyrone (CAS 27593-23-3; FEMA 3696)	EKSC0YLPEH	Pareve		Symbol
Acetyl Butyryl, Natural (CAS 3848-24-6, FEMA 2558)	EKGQ5TRT6P	Pareve		Symbol
Acetyl Propionyl (CAS 600-14-6, FEMA 2841)	EK1ZAI5TCV	Pareve		Symbol
Acetyl Propionyl, Natural (CAS 600-14-6, FEMA 2841)	EKP2436KWM	Pareve		Symbol
Allyl Butyrate (CAS 2051-78-7, FEMA 2021)	EKDFU9SYZL	Pareve		Symbol
Almond Oil, Bitter, Natural (CAS 8013-76-1, FEMA 2046)	EK2Y4UABJB	Pareve		Symbol

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# Kosher Certificate



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**WholeChem Blends LLC**  
9900 Durand Ave  
Sturtvent, WI 53177 USA

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Name	VKD	Status	Notes	Restriction
alpha-Ionone, Natural (CAS 127-41-3, FEMA 2594)	EKZAY14Y0C	Pareve		Symbol
alpha-Phellandrene (CAS 99-83-2, FEMA 2856)	EKD01AP81D	Pareve		Symbol
Anisole	EKF519DK8L	Pareve		Symbol
beta-Ionone Epoxide (CAS 23267-57-4, FEMA 4144)	EKH36YQVPS	Pareve		None
Butyl Lactate, Kosher (CAS 138-22-7; FEMA 2205)	EKSF93C9CQ	Pareve		Symbol
Caffeine, Natural, Anhydrous, USP (CAS 58-08-2, FEMA 2224)	EKMH8311WU	Pareve		Symbol
cis-3-Hexenyl Anthranilate (CAS 65405-76-7, FEMA 3925)	EKNXOY8ZV3	Pareve		None
cis-3-Hexenyl Formate (CAS 33467-73-1, FEMA 3171)	EKNG0YFY7V	Pareve		Symbol
cis-3-Hexenyl Lactate (CAS 61931-81-5, FEMA 3690)	EKSYPUQLQ2	Pareve		Symbol
cis-6-Nonenol (CAS 35854-86-5, FEMA 3465)	EKVQBTI4Y7	Pareve		None

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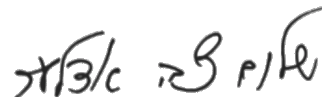
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Sturtevant, WI 53177 USA

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Name	VKD	Status	Notes	Restriction
Citronellyl Acetate (CAS 150-84-5, FEMA 2311)	EKBMSPXWIE	Pareve		None
Cyclohexanone (CAS 108-94-1, FEMA 3909)	EKBO876LYI	Pareve		None
Cyclopentanone (CAS 120-92-3, FEMA 3910)	EKBRLAO1FB	Pareve		Symbol
D-Camphor, Natural (CAS 464-49-3, FEMA 2230)	EKUJFV4WGV	Pareve		None
Delta Tetradecalactone, Natural	EKH6A1XDXJ	Pareve		Symbol
Delta Tridecalactone (CAS 7370-92-5, FEMA 4685)	EKWBPRH4SB	Pareve		None
Diacetyl (CAS 431-03-8, FEMA 2370)	EK2KASKCF9	Pareve		Symbol
Diacetyl, Natural (CAS 431-03-8, FEMA 2370)	EKM68ZXCP5	Pareve		Symbol
Dimethyl Benzyl Carbinyl Butyrate (CAS 10094-34-5, FEMA 2394)	EK6MBLLGZG	Pareve		None
DL-Vitamin U Chloride (CAS 3493-12-7, FEMA 3445)	EK4IXNGNQ5	Pareve		Symbol



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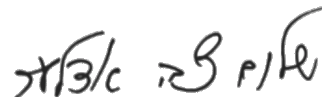
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9900 Durand Ave  
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Name	VKD	Status	Notes	Restriction
Ethyl 2-aminobenzoate (CAS 87-25-2, FEMA 2421)	EKY6I4TRR5	Pareve		Symbol
ETHYL 5-HYDROXYDECANOATE, CAS 75587-06-3, FEMA 4444	EKLSJBZG9E	Pareve		Symbol
Ethyl Acrylate (CAS 140-88-5, FEMA 2418)	EK30OW77Z0	Pareve		Symbol
Ethyl Alcohol P-190 High Purity Kosher	EKXM4LLE5H	Pareve		Symbol
Ethyl Cyclopentenolone, Natural (CAS 21835-01-8, FEMA 3152)	EKPYPJD7VX	Pareve		None
Ethyl p-Anisate	EKD42JLV0F	Pareve		Symbol
ETHYL PROPYL DISULPHIDE, CAS 30453-31-7, FEMA 4041	EKRKLI88M3	Pareve		Symbol
Ethyl Tiglate (CAS 5837-78-5, FEMA 2460)	EKEO4BGMXT	Pareve		None
Ethyl-3-Hydroxybutyrate (CAS 5405-41-4, FEMA 3428)	EK68G9RNBB	Pareve		None
Furfuryl Isopropyl Sulfide (CAS 1883-78-9, FEMA 3161)	EK01YAJKZX	Pareve		None



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**WholeChem Blends LLC**  
9900 Durand Ave  
Sturtvent, WI 53177 USA

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Name	VKD	Status	Notes	Restriction
Gamma Butyrolactone (CAS 96-48-0, FEMA 3291)	EKK4J209AJ	Pareve		None
Gamma Octalactone	EKT0XZCQDF	Pareve		Symbol
Garlic Oil, Chinese (CAS 8000-78-0, FEMA 2503)	EK9496MRW1	Pareve		Symbol
Isoeugenol, Natural (CAS 97-54-1, FEMA 2468)	EKBW7LSCNW	Pareve		Symbol
Isophorone (CAS 78-59-1, FEMA 3553)	EKIK2RBAKE	Pareve		Symbol
L-Nicotine EP/USP (CAS 54-11-5)	EKEXJZFLHR	Pareve		Symbol
Linalool Oxide (CAS 1365-19-1, FEMA 3746)	EKU4PT3W54	Pareve		Symbol
Linoleic Acid (CAS 60-33-3, FEMA 3380)	EKP8F9YA45	Pareve		Symbol
m-Cresol (CAS 108-39-4, FEMA 3530)	EKM67BU5HC	Pareve		Symbol
Massoia Lactone (CAS 54814-64-1, FEMA 3744)	EK4UFNHZQ0	Pareve		Symbol

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# Kosher Certificate



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Name	VKD	Status	Notes	Restriction
Medium Chain Triglycerides	EKUV1G9T7L	Pareve		Symbol
Methional (CAS 3268-49-3 FEMA 2747)	EKWH10JM6E	Pareve		Symbol
Methional, Natural, 5% in Ethanol	EK8VYK6NMT	Pareve		Symbol
METHOXY-2-METHYL-2-BUTANETHIOL,4- 1PPM IN DPG	EK13ZHEBEM	Pareve		Symbol
Methyl Anisate (CAS 121-98-2, FEMA 2679)	EK5U4NGT5J	Pareve		Symbol
Methyl Cyclopentenolone (CAS 80-71-7 FEMA 2700)	EK8CLKOXY4	Pareve		Symbol
Methyl Dihydrojasmonate (CAS 24851-98-7, FEMA 3408)	EKZ5T2AN1O	Pareve		Symbol
Methyl Nicotinate (CAS 93-60-7, FEMA 3709)	EKO29RGW8Z	Pareve		Symbol
Methyl Palmitate	EKJF91BEOT	Pareve		Symbol
METHYL VALERATE, CAS 624-24-8, FEMA 2752	EKSP782LKD	Pareve		Symbol

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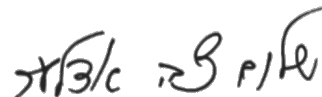
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Name	VKD	Status	Notes	Restriction
METHYL-4-MERCAPTOPENTAN-2-ONE 1PPM IN TEC	EKO0CYW8S7	Pareve		Symbol
Milk Lactone (CAS 72881-27-7; FEMA 3742)	EKS9D6P9I2	Pareve		Symbol
Mint Lactone (CAS 13341-72-5, FEMA 3764)	EKOE8COKBE	Pareve		Symbol
n-Decyl-n-Caprato (CAS 1654-86-0)	EKFO65S6KU	Pareve		Symbol
NATURAL FLAVOR ENHANCER.	EKXAPYB52M	Pareve		Symbol
o-Methoxycinnamaldehyde (CAS 1504-74-1, FEMA 3181)	EKBVN1LKVX	Pareve		None
p-Cresol	EK8AY6B0UH	Pareve		Symbol
Peppermint Oil	EKVEQ0HNZM	Pareve		Symbol
Phenethyl-2-Methylbutyrate (CAS 24817-51-4, FEMA 3632)	EKCF9GX4TM	Pareve		None
Phytol (CAS 7541-49-3, FEMA 4196)	EKW23151DA	Pareve		Symbol



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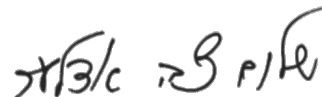
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Name	VKD	Status	Notes	Restriction
Propiophenone (CAS 93-55-0)	EKD03QCCQU	Pareve		Symbol
Propylene Glycol, FCC (CAS 57-55-6, FEMA 2940)	EKVI4W64CH	Pareve		Symbol
Pyroligneous Acid, Natural CAS 8030-97-5 FEMA 2967	EKCTQMLJ2K	Pareve		Symbol
Pyruvic Acid (CAS 127-17-3, FEMA 2970)	EK6IR7VAND	Pareve		Symbol
Quinine Hydrochloride (CAS 6119-47-7, FEMA 2976)	EKHBBND2SR	Pareve		Symbol
S)-(-)-β-Citronellol (CAS 7540-51-4, FEMA 2309)	EKZU9SX4SF	Pareve		Symbol
Sodium 2-(4-Methoxyphenoxy) Propionate (CAS 150436-68-3, FEMA 3773)	EKGILL8DLN	Pareve		None
Sodium Gluconate FCC (CAS 527-07-1, FEMA 4934)	EKO3SK4KTB	Pareve		None
Sunflower Lecithin Liquid (CAS 8002-43-5)	EK5NBD0XJ6	Pareve		Symbol
Tetrahydrofurfuryl Alcohol (CAS 97-99-4, FEMA 3056)	EKNYA1GR5I	Pareve		Symbol



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Name	VKD	Status	Notes	Restriction
THAUMATIN, NATURAL	EKRF7329AU	Pareve		None
Tiglic Acid (CAS 80-59-1, FEMA 3599)	EK220F6TCU	Pareve		Symbol
Tiglic Aldehyde (CAS 497-03-0, FEMA 3407)	EK9TXUJB16	Pareve		Symbol
TRANS-2-HEXENAL CAS 6728-26-3 FEMA 2560	EKDI3SYDF7	Pareve		Symbol
Triethyl Citrate, Natural	EK32PJJWVB	Pareve		Symbol
Valeraldehyde (CAS 110-62-3, FEMA 3098)	EKNTRCJBWB	Pareve		Symbol
Vegetable Glycerin, 99.7% USP, K (CAS 56-81-5 FEMA 2525)	EK1B2KWT8A	Pareve		Symbol
Vitamin E Acetate, USP, Kosher (DL-alpha-Tocopheryl Acetate USP Grade)	EKUZLWE40G	Pareve		Symbol
Whiskey Lactone (CAS 39212-23-2; FEMA 3803)	EKWSUGOQ2U	Pareve		None

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