



**EarthKosher**  
*Kosher Certification Agency*  
 Rabbi Sholom H. Adler  
*Senior Kashrus Administrator*  
 Rabbi Yehuda Goldman  
*Chief Executive Officer*

# KOSHER CERTIFICATE

KC #VK27515-1  
 24 Nisan, 5782  
 April 25, 2022

WholeChem Blends LLC  
 1500 Summit Ave.  
 Racine, WI 53404 USA

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

Name	VKD	Status	Restriction
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
2,3,5-Trimethylpyrazine (CAS 14667-55-1, FEMA 3244)	EKG80V11C4	Pareve	Symbol
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-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

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# KOSHER CERTIFICATE

KC #VK27515-2  
 24 Nisan, 5782  
 April 25, 2022

WholeChem Blends LLC  
 1500 Summit Ave.  
 Racine, WI 53404 USA

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

Name	VKD	Status	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-Methyl-2-Butenal (CAS 107-86-8, FEMA 3646)"	EKP2QGU0FA	Pareve	None
4-Methyl-1-phenyl-2-pentanone	EK4WBZW1YR	Pareve	Symbol
4-Methyl-3-Penten-2-one (CAS 141-79-7, FEMA 3368)	EK2SWZF9JS	Pareve	Symbol
4-Oxoisorophorone (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

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# KOSHER CERTIFICATE

KC #VK27515-3  
 24 Nisan, 5782  
 April 25, 2022

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 Racine, WI 53404 USA

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

Name	VKD	Status	Restriction
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
alpha-Ionone, Natural (CAS 127-41-3, FEMA 2594)	EKZAY14Y0C	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 Formate (CAS 3681-71-8, FEMA 3171)	EKNG0YFY7V	Pareve	Symbol

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# KOSHER CERTIFICATE

KC #VK27515-4  
 24 Nisan, 5782  
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WholeChem Blends LLC  
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 Racine, WI 53404 USA

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

Name	VKD	Status	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 Carbinylyl 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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# KOSHER CERTIFICATE

KC #VK27515-5  
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WholeChem Blends LLC  
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 Racine, WI 53404 USA

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

Name	VKD	Status	Restriction
Ethyl 2-aminobenzoate (CAS 87-25-2, FEMA 2421)	EKY6I4TRR5	Pareve	Symbol
Ethyl Acrylate (CAS 140-88-5, FEMA 2418)	EK30OW77Z0	Pareve	Symbol
Ethyl Alcohol P-190 High Purity Kosher	EKXM4LLE5H	Pareve	Symbol
Ethyl p-Anisate	EKD42JLV0F	Pareve	Symbol
Ethyl Tiglate (CAS 5837-78-5, FEMA 2460)	EKEO4BGMXT	Pareve	None
Furfuryl Isopropyl Sulfide (CAS 1883-78-9, FEMA 3161)	EK01YAJKZX	Pareve	None
Gamma Butyrolactone (CAS 96-48-0, FEMA 3291)	EKK4J209AJ	Pareve	None
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

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# KOSHER CERTIFICATE

KC #VK27515-6  
 24 Nisan, 5782  
 April 25, 2022

WholeChem Blends LLC  
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 Racine, WI 53404 USA

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

Name	VKD	Status	Restriction
L-Nicotine EP/USP (CAS 54-11-5)	EKEXJZFLHR	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
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

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# KOSHER CERTIFICATE

KC #VK27515-7  
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The following products manufactured by WholeChem Blends LLC are certified Kosher with the listed restrictions.

Name	VKD	Status	Restriction
Methyl Nicotinate (CAS 93-60-7, FEMA 3709)	EKO29RGW8Z	Pareve	Symbol
Methyl Palmitate	EKJF91BEOT	Pareve	Symbol
METHYL-4-MERCAPTOPENTAN-2-ONE 1PPM IN TEC	EKO0CYW8S7	Pareve	Symbol
n-Decyl-n-Caprate (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
Phytol (CAS 7541-49-3, FEMA 4196)	EKW23151DA	Pareve	Symbol
Propiophenone (CAS 93-55-0)	EKD03QCCQU	Pareve	Symbol
Propylene Glycol, FCC (CAS 57-55-6, FEMA 2940)	EKVI4W64CH	Pareve	Symbol

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# KOSHER CERTIFICATE

KC #VK27515-8  
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 Racine, WI 53404 USA

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

Name	VKD	Status	Restriction
Pyruvic Acid (CAS 127-17-3, FEMA 2970)	EK6IR7VAND	Pareve	Symbol
S)-(-)-β-Citronellol (CAS 7540-51-4, FEMA 2309)	EKZU9SX4SF	Pareve	Symbol
Tetrahydrofurfuryl Alcohol (CAS 97-99-4, FEMA 3056)	EKNYA1GR5I	Pareve	Symbol
Tiglic Acid (CAS 80-59-1, FEMA 3599)	EK220F6TCU	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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