

הרב גרשון הלוי סגל
Rabbi Gershon Segal

31 Elmore Sr. Newton Centre, MA 02459
(617)-969-5736: rabbisegal@gmail.com

KOSHER CERTIFICATE

This is to certify that the following items sold and distributed by
Sigma-Aldrich Corporation Flavors and Fragrances division are

KOSHER AND PAREVE WHEN BEARING MY KOSHER SEAL OR WHEN ACCOMPANIED BY MY LOT SPECIFIC KOSHER LETTER:

Acetal, natural (W200220)	3-Acetylpyridine (W342408)
Acetaldehyde (separate certificate required for returnable containers) (W200301)	2-Acetylthiazole (W332801)
Acetaldehyde, 50 wt% in ethanol (W200328)	2-Acetylthiophene (W503509)
Acetaldehyde, natural (W200336)	2-Acetyl-3,5(or 6)-dimethylpyrazine \geq 98%, FG (W332700)
Acetaldehyde (mini-bulk) (returnable container certificate required) (W200360)	2-Acetylpyrazine, natural (W312612)
Acetaldehyde ethyl cis-3-hexenyl acetal, natural (W377500)	DL-Alanine (W381810)
Acetaldehyde, \geq 99%, FG (W200303)	4-Allylanisole (W241105)
Acetanisole (W200506)	Allyl butyrate (W202118)
Acetic acid (W200611)	Allyl caproate, natural (W203211)
Acetic acid, natural (W200603)	Allyl cyclohexanepropionate (W202606)
Acetoin, natural (W200832)	Allyl disulfide (W202800)
Acetoin (W200808)	Allyl heptanoate (W203106)
Acetoin acetate, natural (W352623)	Allyl heptanoate, natural (W203111)
Acetophenone (W200905)	Allyl hexanoate (Allyl caproate) (W203203)
Acetophenone, natural (W200910)	Allyl alpha-Ionone (W203300)
4-Acetoxy-2,5-dimethyl-3(2H)furanone (W379700)	Allyl isothiocyanate (W203408)
4-(p-Acetoxyphenyl)-2-butanone (W365203)	Allyl isovalerate (W204501)
3-Acetyl-2,5-dimethylfuran (W339105)	Allyl octanoate (W203718)
2-Acetyl-3,5(or 6)-dimethylpyrazine (W332704)	Allyl phenoxyacetate (Acetate PA) (W203807)
3-Acetyl-2,5-dimethylthiophene (W352705)	Allyl sulfide (W204218)
2-Acetyl-3-ethylpyrazine (W325007)	Almond oil, bitter, natural (W204600)
2-Acetyl furan, natural (W316315)	Almond oil, sweet, Organic (W530119)
2-Acetyl-3-methyl pyrazine (W396400)	Ambrette seed absolute (W205001)
2-Acetyl-5-methylfuran (W360902)	2'-Aminoacetophenone (W390607)
2-Acetyl-1-methylpyrrole (W318418)	Ammonium sulfide (W205303)
2-Acetylpyrazine (W312606)	Amyl alcohol, natural (W205623)
2-Acetylpyridine (W325104)	Amyl butyrate (W205915)
	alpha-Amylcinnamaldehyde (W206105)
	6-Amyl-alpha-pyrone (W369608)

This certificate is effective until December 31, 2016 and subject to renewal at that time.

Sincerely,

Rabbi Gershon Segal

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seal appears on the label.

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Amyris oil (W517100)	Benzoic acid (W213101)
Anethol, natural (W208620)	Benzoin resin absolute, Siam (W213306)
trans-Anethole (W208604)	Benzoin resinoid, natural (W213300)
Angelica root oil, natural (W208800)	Benzoin resin absolute (W213314)
Angelica seed oil, natural (W209000)	Benzophenone (W213403)
alpha-Angelicalactone (W329304)	Benzyl acetate (W213500)
p-Anisaldehyde (W267007)	Benzyl acetate, natural (W213519)
o-Anisaldehyde (W407701)	Benzyl alcohol, natural (W213713)
Anise seed oil, Organic (W209417)	Benzyl alcohol (W213705)
Anisic acid, natural (W394512)	Benzyl benzoate (W213802)
Anisole (W209708)	Benzyl benzoate, natural (W213810)
Anisyl acetate (W209805)	Benzyl butyrate (W214000)
Anisyl Acetate, natural (W209890)	Benzyl butyrate, natural (W214019)
Anisyl alcohol (W209902)	Benzyl cinnamate (W214205)
Anisyl alcohol, natural (W209910)	Benzyl disulfide (W361704)
Anisyl butyrate, natural (W210000)	Benzyl ether (W237108)
Anisyl formate (W210102)	Benzyl formate (W214507)
Anisyl propionate (W210218)	Benzyl formate, natural (W214520)
Avocado oil, Organic (W530127)	Benzyl isobutyrate, natural (W214115)
Balsam, Peru (W211613)	Benzyl isobutyrate (W214108)
Balsam oil, Peru (W211710)	Benzyl isovalerate (W215201)
Basil oil, natural (W211907)	Benzyl mercaptan (W214701)
Basil oil, (methyl chavicol type), Organic (W530131)	Benzyl phenylacetate (W214906)
Bay oil (W212202)	Benzyl propionate (W215000)
Benzaldehyde, natural (W212717)	Benzyl propionate, natural (W215015)
Benzaldehyde (W212709)	Benzyl propionate (W215007)
Benzaldehyde dimethyl acetal (W212806)	Benzyl salicylate (W215104)
Benzaldehyde propylene glycol acetal (W213000)	Benzylideneacetone (W288101)
Benzaldehyde propylene glycol acetal (W213004)	Bergamot oil (W215309)
Benzenethiol $\geq 98\%$ (W361607)	Bergamot oil, rectified (W215325)
Benzoic acid, natural (W213128)	Birch oil, sweet, natural (W215481)

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Birch tar oil, rectified (W520918)	Butyl isobutyrate, natural (W218811)
Bis(2-methyl-3-furyl) disulfide (W325900)	Butyl isovalerate (W221805)
Black pepper oil (W284505)	Butyl isovalerate, natural (W221811)
Bois de rose (W215600)	Butyl (S)-(-)-lactate (W220507)
(-)-Bornyl acetate (W408001)	Butyl-2-methyl butyrate, natural (W339315)
Bran absolute (W521108)	Butyl 2-methylbutyrate (W339318)
Buchu leaf oil, Betulina, natural (W530345)	Butyl phenylacetate (W220906)
Buchu leaf oil, Crenulata, natural (W216900)	Butyl propionate (W221104)
Butan-3-one-2-yl butyrate (W333200)	Butyl sulfide (W221503)
2,3-Butanedithiol (W347701)	Butyl 10-undecanoate (W221600)
1-Butanethiol (W347809)	Butylated hydroxyanisole (BHA) (W218308)
2-Butanone (Methyl ethyl ketone) (W217018)	Butylated hydroxytoluene (BHT) (W218405)
2-Butanone, natural (W217012)	3-Butylidene-phthalide (W333301)
Butan-3-one-2-yl butyrate (W333204)	Butyraldehyde (W221902)
Butyl (S)-(-)-lactate, ≥97% (W220500)	Butyraldehyde, natural (W221910)
Butyl acetate, natural (W217417)	Butyric acid (W222100)
Butyl acetate (W217409)	Butyric acid, natural (W222119)
Butyl alcohol (W217808)	Caffeine (W222402)
Butyl alcohol, natural (W217816)	(+)-Camphene (W222909)
Butyl alcohol ≥99.9%, FG (W217820)	D-Camphor (W223018)
Butylamine (W313009)	d-Camphor, natural (W223023)
Butyl anthranilate (W218103)	(±)-Camphor ≥95.5% (W526606)
Butyl benzoate (W515000)	Camphor white oil, natural (W223115)
Butyl butyrate, natural (W218626)	Cananga oil (W223204)
Butyl butyrate (W218618)	Canola oil, Organic (W530228)
Butyl butyryl lactate (W219002)	Caramel Furanone, natural (W363412)
Butyl butyryl lactate, natural (W219010)	Cardamom oil (W224111)
2-sec-Butylcyclohexanone (W326100)	Cardamom oil, Organic (W224123)
5-sec-Butyl-2,3-dimethylpyrazine (W530511)	Carrot seed oil (W224405)
Butyl hexanoate (W220108)	Carvacrol (W224502)
Butyl isobutyrate (W218804)	Carvacrol, natural (W224511)

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L-Carveol, mixture of cis and trans (W224707)	Cinnamyl alcohol (W229407)
4-Carvomenthenol, natural (W224820)	Cinnamyl Benzoate, ≥98% FG (W470301)
D-Carvone (W224928)	Cinnamyl butyrate (W229601)
L-Carvone (W224901)	Cinnamyl cinnamate (W229806)
L-Carvone, natural (W224908)	Cinnamyl formate (W229903)
(-)-Carvyl acetate (W225002)	Cinnamyl isobutyrate (W229709)
(-)-Carvyl propionate (W225118)	trans-Cinnamyl isovalerate (W230200)
beta-Caryophyllene (W225207)	trans-Cinnamyl propionate (W230103)
Cassia oil (W225800)	Citral, Natural (W230316)
Cassia oil, redistilled (W521205)	Citral (W230308)
Cassis bourgeons absolute (W234605)	Citral diethyl acetal (W230405)
Cedarwood oil, French, Organic (W530143)	Citral dimethyl acetal (W230502)
Cedrol (W521418)	Citric acid (W230618)
Celery seed oil, natural (W227102)	Citronella oil, Chinese (W230804)
Chamomile absolute, natural (W530358)	Citronella oil, Java, Natural (W230812)
Chamomile oil, German, Organic (W227315)	Citronella oil, Organic (W230840)
Chamomille oil, Blue (W227307)	Citronellal (W230707)
Chamomille oil, Moroccan (W521302)	(±)-Citronellal natural, ≥85%, FCC (W230715)
Choline Chloride (W450001)	Citronellol (W230901)
Cinnamaldehyde, natural (W228613)	Citronellol, natural, mixture of isomers (W230915)
trans-Cinnamaldehyde (W228605)	Citronellyl acetate (W231118)
Cinnamic acid (W228818)	Citronellyl acetate, natural, mixture of isomers (W231105)
trans-Cinnamic acid, natural (W228826)	Citronellyl butyrate, natural (W231200)
Cinnamic alcohol, natural (W229411)	Citronellyl formate (W231401)
Cinnamon bark oil (W229105)	Succinic acid, FCC, FG (W231304)
Cinnamon bark oil, Organic (W229140)	Citronellyl propionate (W231606)
Cinnamon leaf oil, Ceylon (W229210)	Citronellyl tiglate (W500607)
Cinnamon leaf oil, Organic (W229208)	Clary sage oil, natural (W232106)
Cinnamon oil, Ceylon (W229202)	Clove bud extract, natural (W232200)
Cinnamyl acetate, natural (W229301)	Clove bud oil, natural (W232300)
Cinnamyl acetate (W229318)	

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Clove bud oil, Organic (W232314)	(+)-gamma-Decalactone, natural (W236012)
Cocoa extract (W584649)	gamma-Decalactone (W236004)
Coconut ketone, 10% in EtOH, natural (W340000)	Decanal (W236209)
Copaiba balsam, bleached (W521906)	Decanal dimethyl acetal (W236306)
Copaiba balsam oil (W521809)	Decanal, Natural (W236217)
Coriander oil (W233404)	Decanoic acid (W236403)
Cornmint oil, Organic (W421906)	Decanoic acid, natural (W236411)
Cornmint oil, Chinese, natural (W521604)	1-Decanol (W236500)
Cornmint oil, redistilled (W521701)	3-Decanone (W396605)
Costus oil, natural (W233609)	cis-4-Decenal (W326402)
o-Cresol (W348007)	trans-2-Decenal (W236608)
m-Cresol (W353000)	9-Decenoic acid (W366005)
p-Cresol (W233706)	3-Decen-2-one (W353205)
Cumin seed oil (W234300)	Decyl acetate (W236705)
Cuminaldehyde (W234109)	Decyl butyrate (W236802)
beta-Cyclocitral (W363928)	Delta-Tetradecalactone, natural (W359020)
Cyclohexanecarboxylic acid (W353108)	Diethyl L-tartrate (W237809)
Cyclohexyl acetate (W234907)	2,3-Diethyl-5-methylpyrazine (W333603)
Cyclohexyl butyrate (W235105)	2,3-Diethylpyrazine (W313602)
Cyclohexyl propionate (W235407)	Diethyl sebacate (W237604)
Cyclopentanethiol (W326208)	Diethyl succinate ≥99%, FCC, FG (W237712)
Cyclopentanone (W391018)	Diethyl succinate (W237701)
p-Cymene (W235601)	4,5-Dihydro-3(2H)thiophenone (W326607)
Cypress oil, Natural (W530362)	Dihydrocarvone, natural (W356511)
Damascenone, (fermentone), natural (W342017)	D-Dihydrocarvone (W356506)
beta-Damascone (W324300)	L-Dihydrocarvyl acetate (W238007)
Davana oil, natural (W235900)	Dihydrocoumarin (W238104)
trans,trans-2,4 Decadienal (W313505)	Dihydrojasnone (W376302)
trans,trans-2,4-Decadienal, natural (W313520)	2,5-Dihydroxy-2,5-dimethyl-1,4-dithiane (W345001)
delta-Decalactone, natural (W236128)	2,4-Dihydroxybenzoic acid (W379808)
delta-Decalactone (W236101)	Dillweed oil (W238309)

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Sincerely,

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alpha,alpha-Dimethylphenethyl butyrate (W239402)	Dimethyl succinate (W239607)
1,4-Dimethoxybenzene (W238600)	Dimethyl sulfide (W274615)
1,3-Dimethoxybenzene (W238503)	Dimethyl sulfide, natural (W274623)
2,6-Dimethoxyphenol (W313718)	2,5-Dimethylthiophene (W515507)
2,5-Dimethyl-4-hydroxy-3(2H)-furanone solution in propylene glycol (W317410)	2,6-Dimethylthiophenol (W366609)
2',4'-Dimethylacetophenone (W238708)	Dimethyl trisulfide (W327506)
2,4-Dimethyl-5-acetylthiazole (W326704)	2,5-Dimethyl-4-methoxy-3(2H)-furanone (W366412)
Dimethyl anthranilate, natural (W271810)	2,6-Dimethyl-5-heptenal, natural (W238920)
Dimethyl anthranilate (W271802)	3,7-Dimethyl-6-octenoic acid, natural (W314220)
3,4-Dimethyl-1,2-cyclopentadione (W326801)	Dipentene (W524905)
3,5-Dimethyl-1,2-cyclopentadione (W326909)	1,3-Diphenyl-2-propanone (W239704)
Dimethyl disulfide (W353604)	Diphenyl ether (W366706)
Dimethyl disulfide natural (W353600)	Disodium succinate (W327700)
2,6-Dimethyl-5-heptenal (W238902)	2,2'-(Dithiodimethylene)difuran (W314609)
4,5-Dimethyl-3-hydroxy-2,5-dihydrofuran-2-one, (caramel furanone) (W363405)	2,4-Dodecadienal, 10% in MCTG, natural (W367000)
Dimethyl-3-hydroxy-2,5-dihydrofuran-2-one, 10 wt% solution in propylene glycol (W363413)	gamma-Dodecalactone, natural (W240015)
Dimethyl-3-hydroxy-2,5-dihydrofuran-2-one, 3 wt% solution in propylene glycol (W363421)	delta-Dodecalactone, natural (W240115)
6,10-Dimethyl-5,9-undecadien-2-one (W354201)	delta-Dodecalactone (W240109)
2,5-Dimethyl-4-methoxy-3(2H)-furanone (W366404)	gamma-Dodecalactone (W240001)
2,3-Dimethyl-5-(2-methylbutyl)pyrazine (W530532)	trans-2-Dodecenal (W240206)
3,7-Dimethyl-1-octanol (W239100)	Elemi resin, Natural (W240702)
alpha,alpha-Dimethylphenethyl acetate (W239208)	p-Ethoxybenzaldehyde (W241318)
Dimethyl phenyl ethyl carbonyl (W273601)	2-Ethoxythiazole (W334006)
2,5-Dimethylpyrazine (W327204)	Ethyl 2-trans-4-cis-decadienoate, ≥95%, stabilized, FG (W314820)
2,6-Dimethylpyrazine (W327301)	Ethyl acetate ≥99%, FCC (W241407)
2,3-Dimethylpyrazine (W327107)	Ethyl acetate, natural (W241415)
2,6-Dimethylpyridine (W354007)	Ethyl acetoacetate, natural (W241512)
p-alpha-Dimethylstyrene (W314404)	Ethyl acetoacetate ≥99%, FCC, FG (W241504)
	Ethyl acrylate (W241806)
	Ethyl anthranilate (W242101)

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4-Ethylbenzaldehyde (W375608)	2-Ethyl-1-hexanol (W315109)
Ethyl benzoate (W242209)	Ethyl trans-3-hexenoate (W334200)
Ethyl benzoate, natural (W242217)	2-Ethylhexyl acetate (W514705)
Ethyl trans-2-butenoate (W348600)	2-Ethylhexyl salicylate, (Octyl salicylate) (W514500)
Ethyl butyrate, natural (W242713)	Ethyl 3-hydroxybutyrate (W342807)
Ethyl butyrate (W242705)	3-Ethyl-2-hydroxy-2-cyclopenten-1-one, solution in propylene glycol (W315214)
Ethyl cinnamate, natural (W243019)	Ethyl 3-hydroxyhexanoate, (cis-jasmone) (W354503)
Ethyl cinnamate (W243000)	2-Ethyl-4-hydroxy-5-methyl-3(2H)furanone (W362301)
Ethyl cyclopentenolone, natural (W315230)	5-Ethyl-3-hydroxy-4-methyl-2(5h)-furanone, (maple furanone) (W315303)
Ethyl trans-2,cis-4-decadienoate (W314803)	Ethyl isobutyrate (W242802)
Ethyl 2-trans-4-cis-decadienoate, natural (W314811)	Ethyl isobutyrate, natural (W242810)
Ethyl decanoate, natural (W243213)	N-Ethyl-2-isopropyl-5-methylcyclohexanecarboxamide (W345501)
Ethyl decanoate (W243205)	Ethyl isovalerate (W246301)
Ethyl trans-2-decenoate (W364118)	Ethyl isovalerate, natural (W246328)
Ethyl dimethyl dioxolane acetate (W429420)	Ethyl lactate, natural (W244015)
Ethyl dimethyl dioxolane acetate, mixture of isomers (W429407)	Ethyl lactate (W244007)
2-Ethyl-3,5(or 6)-dimethylpyrazine (W314900)	Ethyl laurate (W244104)
5-Ethyl-2,3-dimethylpyrazine (W443406)	Ethyl laurate, natural (W244112)
2-Ethylfenchol (W349100)	Ethyl levulinate (W244201)
Ethyl formate, natural (W243434)	Ethyl levulinate, natural (W244220)
Ethyl formate (W243418)	Ethyl maltol (W348708)
2-Ethylfuran (W367303)	Ethyl 2-mercaptopyrionate (W327905)
Ethyl 3-(furfurylthio)propionate (W367400)	2-Ethyl 3-methoxypyrazine (W514403)
Ethyl 2-furoate (W501301)	Ethyl 2-methylbutyrate, natural (W244317)
Ethyl 3-(2-furyl)propanoate (W243507)	Ethyl 2-methylbutyrate (W244309)
4-Ethylguaiaicol (W243604)	Ethyl 2-methyl-4-pentenoate (W348902)
Ethyl heptanoate (W243701)	Ethyl 3-methyl-3-phenylglycidate (W244406)
Ethyl heptanoate, natural (W243728)	2-Ethyl-3-methylpyrazine (W315508)
Ethyl hexanoate, (ethyl caproate), natural (W243914)	2-Ethyl-5(6)-methylpyrazine (W315400)
Ethyl hexanoate (W243906)	

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2-Ethyl-6-methylpyrazine, natural (W391915)	Ethyl vinyl ketone (W338206)
2-Ethyl-4-methylthiazole (W368008)	Ethylene brassylate (W354309)
Ethyl 3-(methylthio)propionate (W334308)	4-Ethylguaiaicol, natural (W243615)
Ethyl myristate, natural (W244511)	Eucalyptol (W246506)
Ethyl myristate (W244503)	Eucalyptus oil, natural (W246603)
Ethyl nonanoate (W244708)	Eucalyptus oil (W246611)
Ethyl nonanoate, natural (W244740)	Eucalyptus oil, Citriodora (W523402)
Ethyl octanoate, natural (W244910)	Eucalyptus oil, Radiata, Organic (W530089)
Ethyl octanoate (W244902)	Eugenol (W246700)
4-Ethyl-octanoic acid (W380008)	Eugenol, natural (W246719)
Ethyl trans-4-octenoate (W526304)	Eugenyl acetate (W246900)
Ethyl trans-2-octenoate (W364304)	Eugenyl acetate (W246905)
Ethyl oleate, natural (W245000)	Evening primrose oil, Organic (W530165)
Ethyl palmitate, natural (W245115)	Farnesene (W383902)
Ethyl palmitate (W245100)	Farnesol (W247804)
p-Ethylphenol (W315605)	L-Fenchone (W507709)
Ethyl phenylacetate (W245208)	Fenchyl alcohol (W248010)
Ethyl phenylacetate, natural (W245230)	Fennel oil, sweet (W248207)
Ethyl propionate (W245607)	Fenugreek absolute, natural (W248606)
Ethyl propionate, natural (W245615)	Fir needle oil, Canadian (W523518)
2-Ethylpyrazine (W328103)	Fir needle oil, Siberian (W519901)
3-Ethylpyridine (W339407)	Flax seed oil, Organic (W530238)
Ethyl pyruvate, natural (W245712)	Formic acid (W248703)
Ethyl pyruvate $\geq 97\%$ (W245735)	Frankincense oil, Organic (W281623)
Ethyl salicylate (W245801)	Fumaric acid (W248800)
Ethyl sorbate (W245909)	2-Furanmethanethiol formate (W315818)
2-Ethylthiophenol (W334502)	Furfural, natural (W248924)
Ethyl trans-2-butenoate, natural (W348630)	Furfural (W248908)
Ethyl valerate, natural (W246215)	Furfuryl acetate, natural (W249017)
Ethyl valerate (W246204)	Furfuryl acetate (W249009)
Ethyl vanillin (W246409)	Furfuryl alcohol (W249106)

This certificate is effective until December 31, 2016 and subject to renewal at that time.

Sincerely,



Rabbi Gershon Segal

Certified as KOSHER only when this



seal appears on the label.

הרב גרשון הלוי סגל
Rabbi Gershon Segal

31 Elmore Sr. Newton Centre, MA 02459
(617)-969-5736: rabbisegal@gmail.com

KOSHER CERTIFICATE

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KOSHER AND PAREVE WHEN BEARING MY KOSHER SEAL OR WHEN ACCOMPANIED BY MY LOT SPECIFIC KOSHER LETTER:

Furfuryl alcohol, natural (W249166)	Geranyl phenylacetate (W251607)
Furfuryl butyrate (W501700)	Geranyl propionate (W251704)
Furfuryl mercaptan (W249300)	Geranyl propionate, natural (W251700)
Furfuryl mercaptan, natural (W249311)	Geranyl propionate, natural (W251712)
Furfuryl 3-methylbutanoate (W328308)	Ginger oil, Natural (W252204)
Furfuryl methyl sulfide (W316008)	L-Glutamic acid (W328502)
Furfuryl propionate (W334618)	Glutaric dialdehyde, solution in water (W512303)
1-Furfurylpyrrole (W328405)	Glycerol (W252506)
Furfuryl thioacetate (W316202)	Grapefruit oil (W253006)
Furfuryl thiopropionate (W334707)	Guaiacol, Natural (W253200)
1-Furfurylpyrrole (W328400)	Guaiacwood acetate (W522007)
3-(2-Furyl)acrolein (W249408)	Guaiacyl phenylacetate (W253502)
2-Furyl methyl ketone (W316318)	Guaiac wood oil (W253405)
Fusel oil, natural (W249715)	Helichrysum oil, natural (W530394)
Garlic oil, Chinese (W250309)	trans,trans-2,4-Heptadienal (W316407)
Garlic oil, Mexican (W530316)	gamma-Heptalactone (W253901)
Genet absolute, natural (W250406)	2,3-Heptanedione (W254304)
Geranic acid (W412101)	Heptanoic acid (W334804)
Geraniol, natural (W250716)	Heptanoic acid, natural (W334812)
Geraniol (W250708)	2-Heptanol (W328800)
Geranium absolute, natural (W530376)	2-Heptanol (W328804)
Geranium extract, natural (W530382)	2-Heptanone (W254401)
Geranium oil, Chinese, natural (W250813)	3-Heptanone (Ethyl butyl ketone) (W254509)
Geranyl acetate (W250902)	2-Heptanone, natural (W254430)
Geranyl acetate, natural (W250910)	cis-4-Heptenal (W328901)
Geranyl butyrate, natural (W251216)	trans-2-Heptenal (W316504)
Geranyl butyrate (W251208)	cis-4-Heptenal solution in ethyl acetate, natural (W328915)
Geranyl caproate, natural (W251500)	cis-3-Hepten-1-ol (W519030)
Geranyl formate (W251402)	3-Heptyl acetate, natural (W398000)
Geranyl isovalerate (W251801)	Heptyl acetate, natural (W254711)
Geranyl isovalerate, natural (W251820)	

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Sincerely,

Rabbi Gershon Segal

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הרב גרשון הלוי סגל

Rabbi Gershon Segal

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Heptyl acetate (W254703)	trans-3-Hexen-1-ol (W435600)
Heptyl alcohol (W254800)	cis-3-Hexen-1-ol, natural (W256323)
Heptyl alcohol, natural (W254820)	cis-3-Hexen-1-ol (W256307)
Heptyl butyrate (W254908)	trans-2-Hexen-1-ol (W256218)
Heptyl formate (W255203)	cis-3-Hexenyl 2-methylbutanoate (W349700)
Heptyl Heptanoate, natural (W434100)	trans-2-Hexenyl acetate (W256404)
trans,trans-2,4-Hexadien-1-ol (W392200)	cis-3-Hexenyl acetate (W317101)
2,4-Hexadienyl acetate (W413201)	cis-3-Hexenyl acetate, natural (W317128)
gamma-Hexalactone, natural (W255611)	cis-3-Hexenyl acetate, natural (W317100)
gamma-Hexalactone (W255602)	cis-3-Hexenyl benzoate (W368806)
Hexanal, Natural (W255726)	trans-2-Hexenyl butyrate (W392618)
Hexanal (W255718)	cis-3-Hexenyl butyrate (W340200)
2,3-Hexanedione, natural (W255801)	cis-3-Hexenyl butyrate, natural (W340210)
3,4-Hexanedione (W316800)	cis-3-Hexenyl formate (W335304)
3,4-Hexanedione (W316814)	cis-3-Hexenyl hexanoate (W340308)
2,3-Hexanedione (Acety butyryl) (W255807)	cis-3-Hexenyl cis-3-hexenoate (W368903)
1,6-Hexanedithiol (W349518)	cis-3-Hexenyl isobutyrate (W392901)
Hexanoic acid (Caproic acid) \geq 98%, FCC, FG (W255904)	cis-3-Hexenyl lactate (W369004)
Hexanoic acid, natural (W255912)	cis-3-Hexenyl lactate, natural (W369020)
Hexanoic acid, natural, \geq 98%, FCC (W255900)	cis-3-Hexenyl 2-methylbutanoate (W349704)
trans-2-Hexen-1-ol natural (W256009)	3-Hexenyl 3-methylbutanoate (W349801)
cis-3-Hexenal, 50 wt% solution in Triacetin (W256102)	cis-3-Hexenyl phenylacetate (W363308)
trans-2-Hexenal, natural (W256110)	cis-3-Hexenyl propionate (W393304)
trans-2-Hexenal (W256005)	cis-3-Hexenyl salicylate (W509876)
trans-2-Hexenoic acid (W316903)	cis-3-Hexenyl tiglate (W393118)
trans-3-Hexenoic acid (W317004)	cis-3-Hexenyl valerate, natural (W393600)
1-Hexen-3-ol (W360805)	Hexyl acetate (W256501)
cis-2-Hexen-1-ol (W392405)	Hexyl acetate, natural (W256528)
trans-3-Hexen-1-ol (W507806)	Hexyl alcohol, natural (W256714)
4-Hexen-1-ol (W343005)	Hexyl alcohol (W256706)
	Hexyl benzoate (W369101)

This certificate is effective until December 31, 2016 and subject to renewal at that time.

Sincerely,

Rabbi Gershon Segal

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Total Products on this page - 61

Effective thru December 31, 2016

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Hexyl trans-2-butenate (W335401)	4-(p-Hydroxyphenyl)-2-butanone (raspberry ketone) (W258806)
Hexyl butyrate (W256803)	4-(p-Hydroxyphenyl)-2-butanone (raspberry ketone), Natural (W258814)
Hexyl caproate, natural (W257215)	Hyssop oil, Organic (W259105)
alpha-Hexylcinnamaldehyde (W256900)	Immortelle absolute, natural (W259200)
Hexyl formate (W257001)	Indole (W259306)
Hexyl hexanoate (W257206)	alpha-Ionone (W259403)
Hexyl isobutyrate, natural (W317215)	alpha-Ionone, natural (W259411)
Hexyl isobutyrate (W317209)	beta-Ionone (W259500)
Hexyl 2-methylbutanoate (W349909)	beta-Ionone, natural (W259525)
Hexyl-2-methyl butyrate, natural (W349915)	Isoamyl acetate (W205508)
Hexyl octanoate (W257508)	Isoamyl acetate, natural (W205532)
Hexyl propionate, natural (W257615)	Isoamyl alcohol (W205702)
Hexyl propionate (W257605)	Isoamyl alcohol, natural (W205710)
Hexyl tiglate (W500909)	Isoamyl benzoate (W205818)
Hexyl trans-2-butenate, ≥95%, FCC (W335400)	Isoamyl butyrate (W206008)
Hydrochloric acid, 32 st. solution, FCC (W530574)	Isoamyl butyrate, natural (W206016)
Hydrocinnamaldehyde (W288705)	Isoamyl cinnamate (W206318)
Hydroxyacetone (W446207)	Isoamyl cinnamate, natural (W206326)
4-Hydroxybenzaldehyde (W398403)	Isoamyl hexanoate (W207500)
4-Hydroxybutanoic acid lactone (W329118)	Isoamyl hexanoate, natural (W207519)
Hydroxycitronellal dimethyl acetal (W258504)	Isoamyl isobutyrate, natural (W350710)
4-Hydroxy-2,5-dimethyl-3(2H)-furanone, solution in propylene glycol, Natural (W317411)	Isoamyl isobutyrate (W350702)
4-Hydroxy-2,5-dimethyl-3(2h)-furanone, (strawberry furanone) (W317403)	Isoamyl isovalerate, natural (W208515)
4-Hydroxy-2,5-dimethyl-3(2H)-furanone, Natural (W317454)	Isoamyl isovalerate (W208507)
2-Hydroxy-4-methylbenzaldehyde (W369705)	Isoamyl phenyl acetate, natural (W208100)
4-Hydroxy-5-methyl-3-furanone, (chicory furanone) (W363501)	Isoamyl propionate, natural (W208213)
5-(Hydroxymethyl)furfural (W501808)	D-Isoascorbic acid (W241008)
	Isoborneol (W215805)
	Isobornyl acetate (W216003)

This certificate is effective until December 31, 2016 and subject to renewal at that time.

Sincerely,



Rabbi Gershon Segal

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seal appears on the label.

Effective thru December 31, 2016

Total Products on this page - 56

הרב גרשון הלוי סגל

Rabbi Gershon Segal

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Isobutyl acetate, natural (W217514)	Isophytol (W519200)
Isobutyl acetate (W217506)	2-Isopropyl-4-methylthiazole (W355518)
Isobutyl alcohol, natural (W217913)	Isopropyl acetate (W292605)
Isobutyl benzoate (W218502)	Isopropyl alcohol (W292907)
Isobutyl trans-2-butenoate, (Isobutyl crotonate) (W343218)	Isopropyl alcohol natural, ≥98%, FG (W292912)
Isobutyl butyrate (W218707)	p-Isopropylbenzyl alcohol (W293318)
Isobutyl butyrate, natural (W218715)	Isopropyl butyrate (W293504)
Isobutyl cinnamate (W219304)	Isopropyl cinnamate (W293903)
5-Isobutyl-2,3-dimethylpyrazine (W530526)	2-Isopropyl-5-methyl-2-hexenal (W340618)
Isobutyl formate (W219703)	Isopropyl 2-methylbutyrate (W369918)
Isobutyl hexanoate, natural (W220213)	Isopropyl myristate (W355690)
Isobutyl isobutyrate (W218901)	Isopropyl tiglate (W322903)
Isobutyl isobutyrate, natural (W218928)	Isovaleraldehyde, natural (W269212)
Isobutyl isovalerate, natural (W336900)	Isovaleraldehyde (W269204)
2-Isobutyl-3-methoxy-pyrazine (W313203)	Isovaleric acid, natural (W310212)
2-Isobutyl-3-methylpyrazine (W313300)	Jasmin absolute (W259802)
Isobutyl phenylacetate (W221007)	cis-Jasmone (W319600)
Isobutyl propionate (W221201)	Jojoba oil, Organic (W530293)
Isobutyl salicylate (W221309)	Juniper oil, Organic (W260404)
2-Isobutylthiazole (W313408)	Juniperberry oil (W260401)
Isobutyl tiglate (W500704)	Lactic acid (W261106)
Isobutyraldehyde, natural (W222011)	Lactic acid, natural (W261114)
Isobutyraldehyde (W222003)	Lactone of cis Jasmone (W393713)
Isobutyric acid (W222208)	Lauric acid (W261408)
Isobutyric acid, natural (W222216)	Lauric acid, natural (W261416)
Isoeugenol (W246808)	Lauric aldehyde, (aldehyde C-12), natural (W261513)
Isoeugenol natural, 99%, FG (W246830)	Lauric aldehyde (W261505)
Isoeugenyl acetate (W247006)	Lauryl acetate (W261602)
trans-Isoeugenyl benzyl ether (W369802)	Lauryl alcohol (W261718)
alpha-Isomethyl ionone (W271410)	Lavender oil (W262218)
	Lavender oil, East European, Organic (W262235)

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Sincerely,



Rabbi Gershon Segal

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הרב גרשון הלוי סגל

Rabbi Gershon Segal

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Lemon oil, Organic (W262533)	Maltol (W265608)
Lemon oil, Argentina (W262501)	Maltol isobutyrate (W346209)
Lemon oil, cold-pressed, California (W262528)	Mandarin oil, Italian (W265713)
Lemongrass oil, Organic (W262440)	Mandarin green oil, Organic (W265734)
Lemongrass oil, East Indian, natural (W262404)	Marjoram oil (W523208)
Lemongrass oil, Guatemala, natural (W523100)	Massoia Lactone, 95% (W374400)
L-Leucine, 99% FG (W329703)	p-Mentha-8-thiol-3-one, natural (W317713)
Levulinic acid (W262706)	p-Mentha-8-thiol-3-one, mixture of cis and trans (W317705)
Levulinic acid, natural (W262701)	Menthol, natural (W266523)
Lime oil, Organic (W530106)	L-Menthol (W266590)
Lime oil, expressed (W263117)	DL-Menthol (W266507)
Lime oil, Mexican, distilled, natural (W263109)	L-Menthone (W266701)
(S)-(-)-Limonene (W504505)	DL-Menthyl acetate (W266809)
(R)-(+)-Limonene (W263303)	l-Menthyl acetate, natural (W266825)
Linalool (W263508)	3-Mercapto-3-methylbutanone (W385409)
Linalool oxide, natural (W374600)	2-Mercapto-3-butanol, mixture of isomers (W350206)
L-Linalool, natural (W263500)	3-Mercapto-2-butanone (W329800)
L-Linalool, natural (W263516)	3-Mercaptohexyl acetate (W385101)
Linalyl acetate, natural (W263613)	2-, 3-, and 10-mercaptopinane (W350303)
Linalyl acetate (W263605)	2-Mercaptopropionic acid (W318000)
Linalyl benzoate (W263818)	Methional, natural (W274711)
Linalyl butyrate (W263907)	2-Methoxy-4-methylphenol, Natural (W267112)
Linalyl formate (W264202)	o-Methoxycinnamaldehyde (W318108)
Linalyl propionate (W264504)	2-Methoxy-3(5 or 6)-isopropylpyrazine (W335800)
Litsea cubeba oil (W517208)	2-Methoxy-4-methylphenol, (4-methyl guaiacol) (W267104)
Litsea cubeba oil, Organic (W384606)	2-Methoxy-3-(1-methylpropyl)pyrazine (W343307)
Lovage oil, natural (W265101)	2-Methoxy-3-methylpyrazine (W318302)
Macadamia oil, Organic (W530179)	4-(p-Methoxyphenyl)-2-butanone, (anisyl acetone) (W267201)
Marjoram oil, Organic (W266309)	1-(p-Methoxyphenyl)-2-propanone (W267406)
DL-Malic acid (W265501)	
Maltol, natural (W265624)	

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Sincerely,

Rabbi Gershon Segal

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2-Methoxy-4-propylphenol (W359807)	2-Methylbutyl isovalerate, natural (W350613)
2-Methoxypyrazine (W330205)	3-Methylbutyl 2-methylbutanoate (W350508)
2-Methoxy-4-vinylphenol (W267511)	3-Methylbutyl 2-methylbutanoate, natural (W350516)
2-Methoxy-3(5 or 6)-isopropylpyrazine (W335809)	2-Methylbutyl 2-methylbutyrate, natural (W335916)
2-Methoxycinnamaldehyde, natural (W318101)	2-Methylbutyl 2-methylbutyrate (W335908)
Methyl (methylthio)acetate, FG (W400301)	Methyl p-tert-butylphenylacetate (W269018)
Methyl acetate, natural (W267619)	2-Methylbutyraldehyde ≥95%, FG (W269107)
4'-Methylacetophenone (W267708)	Methyl butyrate, natural (W269328)
Methyl p-anisate (W267902)	Methyl butyrate (W269301)
2-Methylanisole (W268003)	2-Methylbutyric acid, natural (W269514)
4-Methylanisole (W268100)	alpha-Methylcinnamaldehyde (W269700)
Methyl anthranilate, natural (W268224)	Methyl cinnamate, natural (W269816)
Methyl anthranilate (W268208)	Methyl trans-cinnamate (W269808)
Methyl anthranilate, natural (W268216)	6-Methylcoumarin (W269905)
Methyl benzoate, natural (W268313)	3-Methyl-2-cyclohexen-1-one (W336009)
alpha-Methylbenzyl acetate (W268402)	Methyl cyclopentenolone, natural (W270015)
alpha-Methylbenzyl alcohol (W268518)	Methyl cyclopentenolone (W270008)
alpha-Methylbenzyl butyrate (W268607)	Methyl cyclopentenolone, hydrate, natural (W270036)
alpha-Methylbenzyl propionate (W268909)	Methyl Cyclopentenolone (W555016)
4-Methylbiphenyl (W318604)	gamma-Methyl Decalactone (W378621)
3-Methyl-2-butanethiol (W330418)	5H-5-Methyl-6,7-dihydrocyclopenta[b]pyrazine (W330604)
2-Methyl-1-butanol, Natural (W399817)	Methyl dihydrojasmonate (W340804)
trans-2-Methyl-2-butenal (W340707)	2-Methyl-3(5 or 6)-ethoxypyrazine (W356905)
trans-2-Methyl-2-butenic acid, (Tiglic acid) (W359904)	Methyl eugenol (W247502)
2-Methyl-3-buten-2-ol, (dimethylvinylcarbinol) (W503908)	2-Methylfuran (W417901)
3-Methyl-2-buten-1-ol (W364703)	2-Methyl-3-furanthiol (W318809)
2-Methylbutyric acid (W269506)	2-Methyl-3-furanthiol acetate (W397301)
2-Methylbutyl acetate, natural (W364428)	5-Methylfurfural (W270202)
2-Methylbutyl acetate (W364401)	Methyl furfuryl disulfide (W336203)
2-Methylbutyl isovalerate (W350605)	Methyl 2-furoate, natural (W270327)

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Sincerely,

Gershon Segal

Rabbi Gershon Segal

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Methyl 2-furoate (W270318)	4-Methylnonanoic acid (W357405)
Methyl heptanoate (W270504)	Methyl trans-2-nonenoate (W272507)
2-Methylheptanoic acid (W270601)	Methyl 3-nonenoate (W371009)
5-Methyl-2-hepten-4-one (W376108)	Methyl 2-nonynoate (W272604)
6-Methyl-5-hepten-2-one (W270709)	Methyl octanoate (W272809)
6-Methyl-5-hepten-2-one, natural (W270733)	4-Methyloctanoic acid (W357502)
5-Methyl-2-hepten-4-one, solution, natural (W376109)	Methyl trans-2-octenoate (W371203)
Methyl hexanoate, (methyl caproate), natural (W270814)	Methyl 2-octynoate (W272906)
2-Methylhexanoic acid (W319104)	2-Methylpentanoic acid (W275409)
Methyl trans-3-hexenoate (W336408)	3-Methylpentanoic acid (W343706)
Methyl 4-hydroxybenzoate (W271004)	4-Methylpentanoic Acid (W346306)
Methyl 3-hydroxyhexanoate (W350818)	3-Methyl-3-pentanol (W508209)
Methyl isobutyrate 99%, FG (W269409)	3-Methyl-1-pentanol (W376205)
Methyl isoeugenol (W247618)	4-Methyl-2-pentanone, (methyl isobutyl ketone) (W273104)
2-Methyl-3-(p-isopropylphenyl)propionaldehyde (W274305)	2-Methyl-2-pentenal (W319406)
Methyl isovalerate (W275301)	2-Methyl-4-pentenoic acid (W351105)
Methyl jasmonate (W341002)	trans-2-methyl-2-pentenoic acid, natural (W319540)
Methyl laurate, natural (W271511)	Methyl phenylacetate (W273309)
Methyl 2-methoxybenzoate (W271705)	5-Methyl-2-phenyl-2-hexenal (W319902)
1-Methyl-3-methoxy-4-isopropylbenzene (W343609)	4-Methyl-1-phenyl-2-pentanone (W274003)
Methyl 2-methylbutyrate, natural (W271926)	4-Methyl-2-phenyl-2-pentenal (W320005)
Methyl 2-methylbutyrate (W271918)	1-Methylpiperidine (W510211)
Methyl 2-methyl-3-furyl disulfide (W357308)	2-Methyl-1-propanethiol (W387401)
2-Methyl-3-methylthiofuran (W394904)	Methyl propionate (W274208)
Methyl 3-(methylthio)propionate (W272000)	Methyl propyl disulfide (W320102)
Methyl myristate (W272205)	2-Methyl-4-propyl-1,3-oxathiane (W357804)
1-Methylnaphthalene (W319309)	2-Methylpyrazine (W330906)
Methyl beta-naphthyl ketone (W272302)	Methyl 2-pyrrolyl ketone (W320218)
Methyl nicotinate (W370908)	5-Methylquinoxaline (W320307)
Methyl nonanoate (W272418)	Methyl salicylate (W274518)

This certificate is effective until December 31, 2016 and subject to renewal at that time.

Sincerely,

Rabbi Gershon Segal

Certified as KOSHER only when this



seal appears on the label.

Effective thru December 31, 2016

Total Products on this page - 60

הרב גרשון הלוי סגל

Rabbi Gershon Segal

31 Elmore Sr. Newton Centre, MA 02459
(617)-969-5736: rabbisegal@gmail.com

KOSHER CERTIFICATE

This is to certify that the following items sold and distributed by
Sigma-Aldrich Corporation Flavors and Fragrances division are

KOSHER AND PAREVE WHEN BEARING MY KOSHER SEAL OR WHEN ACCOMPANIED BY MY LOT SPECIFIC KOSHER LETTER:

Methyl Salicylate, natural (US), ≥95% (W274502)	2-Methyltetrahydrofuran-3-one, natural (W337330)
2-Methyltetrahydrofuran-3-one (W337307)	2-Methyltetrahydrothiophen-3-one, ≥97% (W351200)
2-Methyl-3-tetrahydrofuranthiol (W378704)	Bis(methylthio)methane (W387800)
2-Methyltetrahydrothiophen-3-one (W351202)	2-Methylthio pyrazine (W323130)
4-Methylthiazole (W371602)	4-(Methylthio)butanol, 97% (W360000)
4-Methyl-5-thiazoleethanol (W320404)	Mimosa absolute (W275506)
4-Methyl-5-thiazoleethanol acetate (W320501)	Myrcene (W276200)
S-Methyl thioacetate, natural (W387619)	Myristic acid (W276405)
3-(Methylthio)butanal (W337404)	Myristic acid, natural (W276413)
4-(Methylthio)butanol (W360007)	(1R)-(-)-Myrtenal (W339504)
4-Methylthio-2-butanone (W337501)	(1R)-(-)-Myrtenol (W343900)
Methyl thiobutyrate (W331007)	Myrtenyl acetate (W376507)
Methyl thiobutyrate natural (W331015)	Neohesperidin dihydrochalcone (W381101)
Methyl 2-thiofuroate (W331104)	Nerol (W277002)
3-(Methylthio)-1-hexanol (W343803)	Neroli extract, (bitter orange flower extract), natural (W530412)
3-(Methylthio)hexyl acetate (W378917)	Neroli oil, Morocco (W277126)
4-Methylthio-4-methyl-2-pentanone (W337609)	Nerolidol mixture of cis and trans, ≥97%, FCC, FG (W277207)
(Methylthio)methylpyrazine (W320803)	Nerolin bromelia (W276804)
5-Methyl-2-thiophenecarboxaldehyde (W320900)	Neryl acetate (W277304)
3-(Methylthio)-1-propanol (W341509)	Neryl acetate, natural (W277315)
3-(Methylthio)propionaldehyde (W274704)	Neryl isobutyrate (W277509)
3-(Methylthio)propyl isothiocyanate (W331201)	Neryl isovalerate (W277800)
Methyl valerate (W275204)	trans,trans-2,4-Nonadienal (W321206)
Methyl vanillate (W510319)	trans-2,cis-6-Nonadienal (W337706)
4-Methyl-5-vinylthiazole (W331309)	trans,trans-2,6-Nonadienal (W376604)
2-Methyl-1-butanol ≥99% (W399809)	trans-2,cis-6-Nonadien-1-ol (W278009)
2-Methyl-2-Pentenoic Acid, natural (W319519)	trans-2,cis-6-Nonadienyl acetate (W395218)
5-Methyl-2-phenyl-2-hexenal (W319912)	gamma-Nonalactone, (aldehyde C-18) (W278106)
2-Methylbutyl 2-methylbutyrate, natural (W335900)	delta-Nonalactone (W335606)
2-Methylfuran ≥98% (W417902)	
2-Methylfuran ≥98% (W417920)	

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Sincerely,

Rabbi Gershon Segal

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Nonanal, (aldehyde C-9) (W278203)	3-Octanol, natural (W358126)
Nonanal, natural (W278220)	3-Octanol (W358118)
1,9-Nonanedithiol (W351318)	2-Octanol, natural (W280110)
Nonanoic acid (W278408)	3-Octanone (W280305)
Nonanoic acid, natural (W278430)	2-Octanone (W280208)
gamma Nonanoic lactone, natural (W278140)	2-Octanone, natural (W280220)
2-Nonanone (W278505)	trans-2-Octenal (W321508)
2-Nonanone, Natural (W278513)	cis-5-Octen-1-ol (W372218)
3-Nonanone, (ethyl hexyl ketone) (W344001)	1-Octen-3-ol (W280518)
3-Nonanone, Natural (W344015)	1-Octen-3-ol, natural (W280523)
trans-2-Nonenal (W321303)	trans-2-Octen-1-ol (W388718)
cis-6-Nonenal (W358002)	trans-3-Octen-2-one (W341606)
trans-2-Nonen-1-ol (W337900)	1-Octen-3-one, 50 wt% in 1-octen-3-ol (W351504)
cis-6-Nonen-1-ol (W346500)	1-Octen-3-yl acetate (W358207)
cis-2-Nonen-1-ol (W372005)	1-Octen-3-yl butyrate (W361208)
3-Nonen-2-one, 10% in EtOH, natural (W395500)	Octyl acetate (W280607)
Nonyl alcohol (W278904)	3-Octyl acetate, natural (W358315)
Nutmeg oil, East Indian (W279307)	3-Octyl acetate (W358304)
Nutmeg extract, natural (W530427)	Octyl butyrate (W280704)
2,4-Octadienal (W372102)	Octyl butyrate, natural (W280712)
delta-Octalactone FCC (W321405)	Octyl formate (W280909)
gamma-Octalactone ≥97%, FCC, FG (W279609)	Octyl isobutyrate (W280801)
gamma-Octalactone, natural (W279617)	Octyl octanoate (W281107)
Octanal, natural (W279714)	Octyl propionate (W281301)
Octanal (W279706)	Oleic acid, Natural (W281506)
1,8-Octanedithiol (W351407)	Olibanum oil (W281611)
Octanoic acid, natural (W279927)	Olive oil, extra virgin, Organic (W530191)
Octanoic acid ≥98%, FG (W279900)	Onion oil, Dutch (W281719)
1-Octanol (W280003)	Onion oleoresin (W281799)
1-Octanol, natural (W280011)	Opoponax oil, natural (W522600)
2-Octanol (W280100)	Orange flower absolute, natural (W281800)

This certificate is effective until December 31, 2016 and subject to renewal at that time.

Sincerely,

Rabbi Gershon Segal

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הרב גרשון הלוי סגל

Rabbi Gershon Segal

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KOSHER AND PAREVE WHEN BEARING MY KOSHER SEAL OR WHEN ACCOMPANIED BY MY LOT SPECIFIC KOSHER LETTER:

Orange oil, Brazil (W282537)	Peppermint oil, terpeneless (W284831)
Orange oil, cold-pressed, California, natural (W282510)	Peppermint oil, triple distilled (W284823)
Orange oil, midseason, Florida (W282529)	Peppermint oil, Organic (W284843)
Orange oil, sweet, Organic (W282401)	(S)-(-)-Perillaldehyde (W355704)
Orange terpenes (W522708)	(S)-(-)-Perillyl alcohol (W266418)
Origanum oil (W282812)	Petitgrain oil, Organic (W530183)
Orris concrete (W282928)	Petitgrain oil, Paraguay (W523607)
2-Oxobutyric acid (W372307)	alpha-Phellandrene (W285609)
4-Oxoisophorone (2,2,4-Trimethyl-1,3-dioxolane) (W342106)	alpha-Phellandrene, natural, mixture of enantiomers (W285611)
Palmitic acid (W283207)	Phenethyl acetate (W285706)
Palmitic acid, natural (W283215)	Phenethyl acetate, natural (W285714)
Parsley leaf extract, natural (W530432)	Phenethyl alcohol, natural (W285811)
Patchouli oil (W283800)	Phenethyl alcohol (W285803)
Patchouli oil, Organic (W283823)	Phenethyl anthranilate (W285900)
Pentadecalactone (W284009)	Phenethyl benzoate (W286001)
2-Pentadecanone (W372404)	Phenethyl butyrate (W286109)
2,3-Pentanedione, (acetyl propionyl) (W284106)	Phenethyl cinnamate (W286303)
2,3-Pentanedione, (acetyl propionyl), natural (W284114)	Phenethyl formate (W286400)
2-Pentanol (W331600)	Phenethyl 2-furoate (W286508)
3-Penten-2-one (W341720)	Phenethyl hexanoate (W322105)
trans-2-Pentenal (W321818)	Phenethyl isobutyrate (W286206)
4-Pentenoic acid (W284300)	2-Phenethyl isothiocyanate (W401404)
1-Penten-3-ol (W358401)	Phenethyl isovalerate (W287105)
cis-2-Penten-1-ol (W430500)	Phenethyl 2-methylbutyrate (W363200)
3-Penten-2-one (W341703)	Phenethyl phenylacetate (W286605)
2-Pentyl butyrate (W389323)	Phenethyl propionate (W286702)
2-Pentylfuran, natural (W331715)	Phenethyl salicylate (W286818)
2-Pentylfuran (W331708)	Phenethyl tiglate (W287008)
Peppermint oil (W284815)	Phenol (W322318)
Peppermint oil, redistilled (W284807)	Phenol, natural (W322340)

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Sincerely,

Rabbi Gershon Segal

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Effective thru December 31, 2016

Total Products on this page - 60

הרב גרשון הלוי סגל

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Phenoxyethyl propionate (W514802)	L-Proline (W331902)
3-Phenyl propyl propionate (W289701)	1,3-Propanedithiol (W358800)
Phenylacetaldehyde (W287407)	Propanethiol (W352117)
Phenylacetaldehyde dimethyl acetal (W287601)	1-Propanol, natural (W292826)
Phenylacetaldehyde, in solution, natural (W287415)	1-Propanol (W292818)
Phenylacetic acid (W287806)	Propenyl guaethol (W292206)
L-Phenylalanine (W358509)	Propionaldehyde (W292303)
Phenyl disulfide (W322504)	Propionic acid (W292443)
5-Phenyl-1-pentanol (W361801)	Propionic acid (W292400)
1-Phenyl-1,2-propanedione (W322601)	Propionic acid, natural (W292419)
2-Phenylpropionaldehyde (W288608)	2-Propionylthiophene (W559001)
3-Phenylpropionic acid (W288918)	Propionaldehyde, natural, FG (W292312)
3-Phenylpropyl acetate (W289000)	Propyl acetate, natural (W292516)
2-Phenylpropyl isobutyrate (W289205)	Propyl acetate ≥98%, FG (W292508)
3-Phenylpropyl isobutyrate (W289302)	p-Propyl anisole (W293008)
Phosphoric acid, 85 wt% solution in water (W290017)	Propyl butyrate (W293407)
Phosphoric acid 75% (W290020)	Propyl butyrate, natural (W293415)
Pimenta berry oil, (Pimento), natural (W201800)	Propyl disulfide (W322806)
Pimenta leaf oil, natural (W290106)	Propyl formate (W294306)
Pine needle oil, natural (W290500)	Propyl gallate (W294705)
(1R)-(+)-alpha-Pinene (W290238)	Propyl hexanoate, (propyl caproate), natural (W294926)
(1S)-(-)-beta-Pinene (W290300)	Propyl isobutyrate (W293601)
(1S)-(-)-alpha-Pinene (W290203)	n-Propyl isovalerate, natural (W296000)
Piperidine (W290807)	Propyl isovalerate (W296101)
Piperidine ≥99% (W290820)	Propyl mercaptan (W352101)
Piperine (W290904)	Propyl mercaptan ≥98%, FG (W352120)
Piperonal, (Heliotropine) (W291102)	4-Propylphenol (W364908)
Piperonal, natural (W291113)	Propyl propionate (W295809)
Piperonyl isobutyrate (W291307)	Propyl propionate, natural (W295817)
Polysorbate 80 (W291706)	Propylene glycol (W294004)
Prenyl acetate (W420201)	3-Propylideneephthalide (W295205)

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Sincerely,



Rabbi Gershon Segal

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Effective thru December 31, 2016

Total Products on this page - 62

הרב גרשון הלוי סגל

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(R)-(+)-Pulegone, ≥85% (W296309)	Sodium propionate (W518905)
Pumpkin seed oil, Organic (W530274)	D-Sorbitol (W302902)
Pyrazine (W401501)	Soy bean oil, Organic (W530261)
Pyrazineethanethiol (W323004)	Spearmint oil, Organic (W303237)
Pyridine (W296600)	Spearmint oil (W303224)
Pyruvic acid (W297003)	Spearmint oil, FCC (W303208)
(W297070)	Spearmint oil, terpeneless (W303216)
Questoe 25% TEC Natural (W320402)	Spike lavender oil (W303305)
Quinine monohydrochloride dihydrate (W297607)	Spirobeef (W327000)
L-Rhamnose, natural (W373011)	Star anise oil, Organic (W209624)
Rhodinol (W298018)	Stearic acid (W303518)
Rice bran oil, Organic (W530241)	Strawberry acetate, natural (W379715)
Rose, absolute, Morocco (W298816)	Styrax (W303704)
Rose crystals (W523801)	Succinic acid (W502707)
Rose oil, Bulgarian (W298900)	Succinic acid, FCC, FG (W471920)
Rosemary oil (W299200)	Succinic acid, natural (W502715)
Rosemary oil, Spanish (W299219)	Sucrose acetate isobutyrate (W518107)
Rum ether (W299618)	Sucrose octaacetate (W303801)
Rum ether, natural (W299620)	Sunflower oil, Organic (W530285)
Rum Ether, natural (W299600)	Tagete oil, natural (W304000)
(+)-Sabinene, natural (W530597)	Taurine (W381306)
Safranal (W338907)	Tea tree oil (W390208)
Sage oil, Organic (W300100)	Tea tree oil, Organic (W390215)
Salicyclic acid (W398500)	gamma-Terpinene, natural (W355901)
Salicylaldehyde (W300403)	alpha-Terpinene (W355801)
Sandalwood oil, Indonesian (W300500)	gamma-Terpinene (W355909)
Sassafras oil, natural (W510483)	alpha-Terpineol, natural (W304522)
Sesame seed oil, Organic (W530253)	alpha-Terpineol (W304506)
Sodium acetate, anhydrous (W302406)	Terpinolene (W304603)
Sodium benzoate (W302503)	Terpinyl acetate (W304700)
Sodium citrate dihydrate (W302600)	Terpinyl formate (W305200)

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Sincerely,

Rabbi Gershon Segal

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Total Products on this page - 62

Effective thru December 31, 2016

Page 20 of 22

הרב גרשון הלוי סגל

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delta-Tetradecalactone (W359009)	Triethyl citrate (W308307)
(+/-)-Tetrahydrofurfuryl propionate (W305805)	Trimethylamine, 25 wt% sol. in water (W324108)
Tetrahydrofurfuryl acetate (W305502)	p-alpha,alpha-Trimethylbenzyl alcohol (W324205)
Tetrahydrofurfuryl alcohol (W305618)	3,5,5-Trimethylhexanal (W352403)
Tetrahydrofurfuryl butyrate (W305707)	2,3,6-Trimethylphenol (W396303)
Tetrahydro-4-methyl-2-(2-methyl-1-propenyl)-pyran (W323608)	2,3,5-Trimethylpyrazine (W324418)
5,6,7,8-Tetrahydroquinoxaline (W332100)	2,3,5-Trimethylpyrazine, natural (W324426)
2,3,5,6-Tetramethylpyrazine (W323705)	2,4,5-Trimethylthiazole (W332518)
2,3,5,6-Tetramethylpyrazine, natural (W323713)	Tripropionin (W328618)
Theaspirane (W377406)	Trithioacetone (W347507)
Thiamine hydrochloride (W332208)	L-Turpentine (W308900)
Thiazole (W361518)	trans,trans-2,4-Undecadienal (W342203)
2-Thienyl disulfide (W332305)	delta-Undecalactone (W329401)
2-Thiophenethiol (W306207)	gamma-Undecalactone, (aldehyde C-14) (W309109)
Thyme oil, Organic (W306540)	delta-Undecalactone, natural (W329415)
Thyme oil, red (W306401)	Undecanal (W309206)
Thyme oil, white (W306509)	2-Undecanone (W309303)
Thymol (W306606)	2-Undecanone, natural (W309311)
Tocopherols, mixed (W530066)	1,3,5-Undecatriene (W379506)
p-Tolualdehyde (W306800)	10-Undecen-1-ol (W562125)
Tolu balsam (W306908)	cis-8-Undecenal (W526908)
o-Toluenethiol (W324000)	10-Undecenal (W309508)
Tonka bean absolute, natural (W530462)	trans-2-Undecenal (W342300)
trans-2-Hexenol, natural (W256230)	10-Undecenal, natural (W309550)
Triacetin (W200700)	Undecyl alcohol (W309702)
Triacetin, natural (W200712)	Undecylenic acid, natural (W324720)
delta-Tridecalactone (W468501)	Valencene, natural (W344303)
Tridecanal (W433500)	Valeraldehyde (W309818)
2-Tridecanone (W338818)	Valeric acid ≥99%, FCC (W310107)
trans-2-Tridecenal (W308218)	(+/-)-gamma-Valerolactone (W310301)
	gamma-Valerolactone, natural (W310311)

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Sincerely,

Rabbi Gershon Segal

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Vanillic acid, natural (W398811)
Vanillic acid (W398802)
Vanillin, natural (W310727)
Vanillin (W310700)
Vanillin acetate (W310808)
Vanillin isobutyrate (W375403)
Vanillyl alcohol (W373702)
Vanillyl butyl ether, natural (W379601)
Veratraldehyde (W310905)
(1S)-(-)-Verbenone (W506907)
4-Vinylphenol, solution in propylene glycol (W373923)
Violet leaf absolute (W311006)
Wintergreen oil, Chinese (W311308)
2,5-Xylenol (W359505)
Ylang-ylang oil, extra, Organic (W311942)
Ylang-ylang oil III (W311901)
Ylang-ylang oil II (W311928)
Ylang-ylang oil, extra (W311936)

Total Products on This Certificate - 1286

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Sincerely,



Rabbi Gershon Segal

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Total Products on this page - 18