

CERTIFICATE OF ANALYSIS



IDENTIFICATION:

PRODUCT NAME: Forbidden Guava

PRODUCT DESIGNATION: Proprietary Terpene Blend - Flavor Infused Terpene Strain Profile

TT PRODUCT #: TTTR-ID-FBGU-R3

LOT #: T203107

INTENDED FOR USE BY: March 2023

CAS #: Mixture

EC #: Mixture

PARAMETER:

SPECIFICATION:

RESULT:

APPEARANCE:

Clear, pale yellow liquid

Clear, pale yellow liquid

ODOR:

Grapefruit, Citrus, Wood, Earth

Grapefruit, Citrus, Wood, Earth

Additional Product Information:

Storage Conditions: Stable when stored in its original container securely tightened and away from heat, open flames, sunlight, combustible materials and hot surfaces. Store in a cool, dry, and well-ventilated place.

TRACE CONTAMINANT LEVELS:

Component: 2-Methylbutyric acid Lot 1

Test Type: Heavy Metals

Contaminant Name	Max. Allowed (ppm)	Test Result	Contaminant Name	Max. Allowed (ppm)	Test Result
Arsenic	0.2	< 0.0464 mg/kg	Cadmium	0.2	< 0.0464 mg/kg
Lead	0.5	< 0.0464 mg/kg	Mercury	0.1	< 0.0232 mg/kg

Component: 2-Methylbutyric acid Lot 1

Test Type: Pesticide

Contaminant Name	Max. Allowed (ppm)	Test Result	Contaminant Name	Max. Allowed (ppm)	Test Result
Abamectin	0.07	< 0.070 mg/kg	Acephate	0.1	< 0.10 mg/kg
Acequinocyl	0.1	< 0.10 mg/kg	Acetamiprid	0.1	< 0.10 mg/kg
Aldicarb	0.4	< 0.10 mg/kg	Azoxystrobin	0.02	< 0.020 mg/kg
Bifenazate	0.02	< 0.020 mg/kg	Bifenthrin	0.1	< 0.10 mg/kg
Boscalid	0.1	< 0.10 mg/kg	Captan	0.7	< 0.70 mg/kg

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Component: 2-Methylbutyric acid Lot 1

Test Type: Pesticide

Contaminant Name	Max. Allowed (ppm)	Test Result	Contaminant Name	Max. Allowed (ppm)	Test Result
Carbaryl	0.2	< 0.10 mg/kg	Carbofuran	0.2	< 0.10 mg/kg
Chlorantraniliprole	0.2	< 0.10 mg/kg	Chlordane	0.1	< 0.10 mg/kg
Chlorfenapyr	0.2	< 0.10 mg/kg	Chlorpyrifos	0.2	< 0.10 mg/kg
Clofentezine	0.1	< 0.10 mg/kg	Coumaphos	0.1	< 0.10 mg/kg
Cyfluthrin	1	< 0.50 mg/kg	Cypermethrin	1	< 0.50 mg/kg
Daminozide	0.10	< 0.10 mg/kg	DDVP (Dichlorvos)	0.1	< 0.10 mg/kg
Diazinon	0.1	< 0.10 mg/kg	Dimethoate	0.2	< 0.10 mg/kg
Dimethomorph	2	< 0.20 mg/kg	Ethoprophos	0.2	< 0.10 mg/kg
Etofenprox	0.4	< 0.10 mg/kg	Etoxazole	0.1	< 0.10 mg/kg
Fenhexamid	0.1	< 0.10 mg/kg	Fenoxycarb	0.2	< 0.10 mg/kg
Fenpyroximate	0.1	< 0.10 mg/kg	Fipronil	0.4	< 0.10 mg/kg
Fonicamid	0.1	< 0.10 mg/kg	Fludioxonil	0.1	< 0.10 mg/kg
Hexythiazox	0.1	< 0.10 mg/kg	Imazalil	0.10	< 0.10 mg/kg
Imidacloprid	0.02	< 0.020 mg/kg	Kresoxim-methyl	0.1	< 0.10 mg/kg
Malathion	0.2	< 0.10 mg/kg	Metalaxyl	0.2	< 0.10 mg/kg
Methiocarb	0.2	< 0.10 mg/kg	Methomyl	0.4	< 0.20 mg/kg
Methyl-Parathion	0.2	< 0.10 mg/kg	Mevinphos	0.1	< 0.10 mg/kg
MGK-264	0.2	< 0.10 mg/kg	Myclobutanil	0.04	< 0.040 mg/kg
Naled	0.2	< 0.20 mg/kg	Oxamyl	0.5	< 0.50 mg/kg
Paclobutrazol	0.10	< 0.10 mg/kg	Pentachloronitrobenzene	0.1	< 0.10 mg/kg
Permethrins	0.04	< 0.040 mg/kg	Phosmet	0.1	< 0.10 mg/kg
Piperonyl Butoxide	2	< 0.50 mg/kg	Prallethrin	0.1	< 0.10 mg/kg
Propiconazole	0.1	< 0.10 mg/kg	Propoxur	0.2	< 0.10 mg/kg
Pyrethrins	0.5	< 0.50 mg/kg	Pyridaben	0.1	< 0.10 mg/kg
Spinetoram	0.1	< 0.10 mg/kg	Spinosad	0.06	< 0.060 mg/kg
Spiromesifen	0.03	< 0.030 mg/kg	Spirotetramat	0.02	< 0.020 mg/kg
Spiroxamine	0.4	< 0.10 mg/kg	Tebuconazole	0.01	< 0.010 mg/kg
Thiacloprid	0.2	< 0.10 mg/kg	Thiamethoxam	0.2	< 0.10 mg/kg
Trifloxystrobin	0.1	< 0.10 mg/kg			

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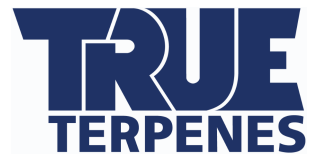


Component: ACETOPHENONE, NATURAL Lot 1

Test Type: Heavy Metals

Contaminant Name	Max. Allowed (ppm)	Test Result	Contaminant Name	Max. Allowed (ppm)	Test Result
Arsenic	0.2	< 0.0497 mg/kg	Cadmium	0.2	< 0.0497 mg/kg
Lead	0.5	< 0.0497 mg/kg	Mercury	0.1	< 0.0248 mg/kg

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Component: ACETOPHENONE, NATURAL Lot 1

Test Type: Pesticide

Contaminant Name	Max. Allowed (ppm)	Test Result	Contaminant Name	Max. Allowed (ppm)	Test Result
Abamectin	0.07	< 0.070 mg/kg	Acephate	0.1	< 0.10 mg/kg
Acequinocyl	0.1	< 0.10 mg/kg	Acetamiprid	0.1	< 0.10 mg/kg
Aldicarb	0.4	< 0.10 mg/kg	Azoxystrobin	0.02	< 0.020 mg/kg
Bifenazate	0.02	< 0.020 mg/kg	Bifenthrin	0.1	< 0.10 mg/kg
Boscalid	0.1	< 0.10 mg/kg	Captan	0.7	< 0.70 mg/kg
Carbaryl	0.2	< 0.10 mg/kg	Carbofuran	0.2	< 0.10 mg/kg
Chlorantraniliprole	0.2	< 0.10 mg/kg	Chlordane	0.1	< 0.10 mg/kg
Chlorfenapyr	0.2	< 0.10 mg/kg	Chlorpyrifos	0.2	< 0.10 mg/kg
Clofentezine	0.1	< 0.10 mg/kg	Coumaphos	0.1	< 0.10 mg/kg
Cyfluthrin	1	< 0.50 mg/kg	Cypermethrin	1	< 0.50 mg/kg
Daminozide	0.10	< 0.10 mg/kg	DDVP (Dichlorvos)	0.1	< 0.10 mg/kg
Diazinon	0.1	< 0.10 mg/kg	Dimethoate	0.2	< 0.10 mg/kg
Dimethomorph	2	< 0.20 mg/kg	Ethoprophos	0.2	< 0.10 mg/kg
Etofenprox	0.4	< 0.10 mg/kg	Etoxazole	0.1	< 0.10 mg/kg
Fenhexamid	0.1	< 0.10 mg/kg	Fenoxycarb	0.2	< 0.10 mg/kg
Fenpyroximate	0.1	< 0.10 mg/kg	Fipronil	0.4	< 0.10 mg/kg
Flonicamid	0.1	< 0.10 mg/kg	Fludioxonil	0.1	< 0.10 mg/kg
Hexythiazox	0.1	< 0.10 mg/kg	Imazalil	0.10	< 0.10 mg/kg
Imidacloprid	0.02	< 0.020 mg/kg	Kresoxim-methyl	0.1	< 0.10 mg/kg
Malathion	0.2	< 0.10 mg/kg	Metalaxyl	0.2	< 0.10 mg/kg
Methiocarb	0.2	< 0.10 mg/kg	Methomyl	0.4	< 0.20 mg/kg
Methyl-Parathion	0.2	< 0.10 mg/kg	Mevinphos	0.1	< 0.10 mg/kg
MGK-264	0.2	< 0.10 mg/kg	Myclobutanil	0.04	< 0.040 mg/kg
Naled	0.2	< 0.20 mg/kg	Oxamyl	0.5	< 0.50 mg/kg
Paclobutrazol	0.10	< 0.10 mg/kg	Pentachloronitrobenzene	0.1	< 0.10 mg/kg
Permethrins	0.04	< 0.040 mg/kg	Phosmet	0.1	< 0.10 mg/kg
Piperonyl Butoxide	2	< 0.50 mg/kg	Prallethrin	0.1	< 0.10 mg/kg
Propiconazole	0.1	< 0.10 mg/kg	Propoxur	0.2	< 0.10 mg/kg
Pyrethrins	0.5	< 0.50 mg/kg	Pyridaben	0.1	< 0.10 mg/kg
Spinetoram	0.1	< 0.10 mg/kg	Spinosad	0.06	< 0.060 mg/kg
Spiromesifen	0.03	< 0.030 mg/kg	Spirotetramat	0.02	< 0.020 mg/kg
Spiroxamine	0.4	< 0.10 mg/kg	Tebuconazole	0.01	< 0.010 mg/kg
Thiacloprid	0.2	< 0.10 mg/kg	Thiamethoxam	0.2	< 0.10 mg/kg
Trifloxystrobin	0.1	< 0.10 mg/kg			

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Component: Citronellal Lot 1

Test Type: Heavy Metals

Contaminant Name	Max. Allowed (ppm)	Test Result	Contaminant Name	Max. Allowed (ppm)	Test Result
Arsenic	0.2	< 0.0483 mg/kg	Cadmium	0.2	< 0.0483 mg/kg
Lead	0.5	< 0.0483 mg/kg	Mercury	0.1	< 0.0241 mg/kg

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Component: Citronellal Lot 1

Test Type: Pesticide

Contaminant Name	Max. Allowed (ppm)	Test Result	Contaminant Name	Max. Allowed (ppm)	Test Result
Abamectin	0.07	< 0.070 mg/kg	Acephate	0.1	< 0.10 mg/kg
Acequinocyl	0.1	< 0.10 mg/kg	Acetamiprid	0.1	< 0.10 mg/kg
Aldicarb	0.4	< 0.10 mg/kg	Azoxystrobin	0.02	< 0.020 mg/kg
Bifenazate	0.02	< 0.020 mg/kg	Bifenthrin	0.1	< 0.10 mg/kg
Boscalid	0.1	< 0.10 mg/kg	Captan	0.7	< 0.70 mg/kg
Carbaryl	0.2	< 0.10 mg/kg	Carbofuran	0.2	< 0.10 mg/kg
Chlorantraniliprole	0.2	< 0.10 mg/kg	Chlordane	0.1	< 0.10 mg/kg
Chlorfenapyr	0.2	< 0.10 mg/kg	Chlorpyrifos	0.2	< 0.10 mg/kg
Clofentezine	0.1	< 0.10 mg/kg	Coumaphos	0.1	< 0.10 mg/kg
Cyfluthrin	1	< 0.50 mg/kg	Cypermethrin	1	< 0.50 mg/kg
Daminozide	0.10	< 0.10 mg/kg	DDVP (Dichlorvos)	0.1	< 0.10 mg/kg
Diazinon	0.1	< 0.10 mg/kg	Dimethoate	0.2	< 0.10 mg/kg
Dimethomorph	2	< 0.20 mg/kg	Ethoprophos	0.2	< 0.10 mg/kg
Etofenprox	0.4	< 0.10 mg/kg	Etoxazole	0.1	< 0.10 mg/kg
Fenhexamid	0.1	< 0.10 mg/kg	Fenoxycarb	0.2	< 0.10 mg/kg
Fenpyroximate	0.1	< 0.10 mg/kg	Fipronil	0.4	< 0.10 mg/kg
Flonicamid	0.1	< 0.10 mg/kg	Fludioxonil	0.1	< 0.10 mg/kg
Hexythiazox	0.1	< 0.10 mg/kg	Imazalil	0.10	< 0.10 mg/kg
Imidacloprid	0.02	< 0.020 mg/kg	Kresoxim-methyl	0.1	< 0.10 mg/kg
Malathion	0.2	< 0.10 mg/kg	Metalaxyl	0.2	< 0.10 mg/kg
Methiocarb	0.2	< 0.10 mg/kg	Methomyl	0.4	< 0.20 mg/kg
Methyl-Parathion	0.2	< 0.10 mg/kg	Mevinphos	0.1	< 0.10 mg/kg
MGK-264	0.2	< 0.10 mg/kg	Myclobutanil	0.04	< 0.040 mg/kg
Naled	0.2	< 0.20 mg/kg	Oxamyl	0.5	< 0.50 mg/kg
Paclobutrazol	0.10	< 0.10 mg/kg	Pentachloronitrobenzene	0.1	< 0.10 mg/kg
Permethrins	0.04	< 0.040 mg/kg	Phosmet	0.1	< 0.10 mg/kg
Piperonyl Butoxide	2	< 0.50 mg/kg	Prallethrin	0.1	< 0.10 mg/kg
Propiconazole	0.1	< 0.10 mg/kg	Propoxur	0.2	< 0.10 mg/kg
Pyrethrins	0.5	< 0.50 mg/kg	Pyridaben	0.1	< 0.10 mg/kg
Spinetoram	0.1	< 0.10 mg/kg	Spinosad	0.06	< 0.060 mg/kg
Spiromesifen	0.03	< 0.030 mg/kg	Spirotetramat	0.02	< 0.020 mg/kg
Spiroxamine	0.4	< 0.10 mg/kg	Tebuconazole	0.01	< 0.010 mg/kg
Thiacloprid	0.2	< 0.10 mg/kg	Thiamethoxam	0.2	< 0.10 mg/kg
Trifloxystrobin	0.1	< 0.10 mg/kg			

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Component: DECANAL, NATURAL (ALDEHYDE C-10) Lot 1

Test Type: Heavy Metals

Contaminant Name	Max. Allowed (ppm)	Test Result	Contaminant Name	Max. Allowed (ppm)	Test Result
Arsenic	0.2	< 0.0472 mg/kg	Cadmium	0.2	< 0.0472 mg/kg
Lead	0.5	< 0.0472 mg/kg	Mercury	0.1	< 0.0236 mg/kg

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Component: DECANAL, NATURAL (ALDEHYDE C-10) Lot 1

Test Type: Pesticide

Contaminant Name	Max. Allowed (ppm)	Test Result	Contaminant Name	Max. Allowed (ppm)	Test Result
Abamectin	0.07	< 0.070 mg/kg	Acephate	0.1	< 0.020 mg/kg
Acequinocyl	0.1	< 0.025 mg/kg	Acetamiprid	0.1	< 0.050 mg/kg
Aldicarb	0.4	< 0.10 mg/kg	Azoxystrobin	0.02	< 0.010 mg/kg
Bifenazate	0.02	< 0.010 mg/kg	Bifenthrin	0.1	< 0.10 mg/kg
Boscalid	0.1	< 0.010 mg/kg	Captan	0.7	< 0.70 mg/kg
Carbaryl	0.2	< 0.025 mg/kg	Carbofuran	0.2	< 0.010 mg/kg
Chlorantraniliprole	0.2	< 0.010 mg/kg	Chlorfenapyr	0.2	< 0.10 mg/kg
Chlorpyrifos	0.2	< 0.010 mg/kg	Clofentezine	0.1	< 0.010 mg/kg
Coumaphos	0.1	< 0.010 mg/kg	Cyfluthrin	1	< 0.40 mg/kg
Cypermethrin	1	< 0.30 mg/kg	Daminozide	0.10	< 0.050 mg/kg
DDVP (Dichlorvos)	0.1	< 0.050 mg/kg	Diazinon	0.1	< 0.010 mg/kg
Dimethoate	0.2	< 0.010 mg/kg	Dimethomorph	2	< 0.050 mg/kg
Ethoprophos	0.2	< 0.010 mg/kg	Etofenprox	0.4	< 0.010 mg/kg
Etoxazole	0.1	< 0.010 mg/kg	Fenhexamid	0.1	< 0.10 mg/kg
Fenoxycarb	0.2	< 0.010 mg/kg	Fenpyroximate	0.1	< 0.020 mg/kg
Fipronil	0.4	< 0.010 mg/kg	Fonicamid	0.1	< 0.025 mg/kg
Fludioxonil	0.1	< 0.010 mg/kg	Hexythiazox	0.1	< 0.010 mg/kg
Imazalil	0.10	< 0.010 mg/kg	Imidacloprid	0.02	< 0.010 mg/kg
Kresoxim-methyl	0.1	< 0.010 mg/kg	Malathion	0.2	< 0.010 mg/kg
Metalaxyl	0.2	< 0.010 mg/kg	Methiocarb	0.2	< 0.010 mg/kg
Methomyl	0.4	< 0.025 mg/kg	Methyl-Parathion	0.2	< 0.030 mg/kg
Mevinphos	0.1	< 0.025 mg/kg	MGK-264	0.2	< 0.050 mg/kg
Myclobutanil	0.04	< 0.010 mg/kg	Naled	0.2	< 0.10 mg/kg
Oxamyl	0.5	< 0.50 mg/kg	Paclobutrazol	0.10	< 0.010 mg/kg
Permethrins	0.04	< 0.040 mg/kg	Phosmet	0.1	< 0.010 mg/kg
Piperonyl Butoxide	2	< 0.20 mg/kg	Prallethrin	0.1	< 0.050 mg/kg
Propiconazole	0.1	< 0.010 mg/kg	Propoxur	0.2	< 0.010 mg/kg
Pyrethrins	0.5	< 0.025 mg/kg	Pyridaben	0.1	< 0.020 mg/kg
Spinetoram	0.1	< 0.010 mg/kg	Spinosad	0.06	< 0.010 mg/kg
Spiromesifen	0.03	< 0.030 mg/kg	Spirotetramat	0.02	< 0.010 mg/kg
Spiroxamine	0.4	< 0.010 mg/kg	Tebuconazole	0.01	< 0.010 mg/kg
Thiacloprid	0.2	< 0.010 mg/kg	Thiamethoxam	0.2	< 0.010 mg/kg
Trifloxystrobin	0.1	< 0.010 mg/kg			

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Component: Ethyl isovalerate Lot 1

Test Type: Heavy Metals

Contaminant Name	Max. Allowed (ppm)	Test Result	Contaminant Name	Max. Allowed (ppm)	Test Result
Arsenic	0.2	< 0.0468 mg/kg	Cadmium	0.2	< 0.0468 mg/kg
Lead	0.5	< 0.0468 mg/kg	Mercury	0.1	< 0.0234 mg/kg

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Component: Ethyl isovalerate Lot 1

Test Type: Pesticide

Contaminant Name	Max. Allowed (ppm)	Test Result	Contaminant Name	Max. Allowed (ppm)	Test Result
Abamectin	0.07	< 0.070 mg/kg	Acephate	0.1	< 0.10 mg/kg
Acequinocyl	0.1	< 0.10 mg/kg	Acetamiprid	0.1	< 0.10 mg/kg
Aldicarb	0.4	< 0.10 mg/kg	Azoxystrobin	0.02	< 0.020 mg/kg
Bifenazate	0.02	< 0.020 mg/kg	Bifenthrin	0.1	< 0.10 mg/kg
Boscalid	0.1	< 0.10 mg/kg	Captan	0.7	< 0.70 mg/kg
Carbaryl	0.2	< 0.10 mg/kg	Carbofuran	0.2	< 0.10 mg/kg
Chlorantraniliprole	0.2	< 0.10 mg/kg	Chlordane	0.1	< 0.10 mg/kg
Chlorfenapyr	0.2	< 0.10 mg/kg	Chlorpyrifos	0.2	< 0.10 mg/kg
Clofentezine	0.1	< 0.10 mg/kg	Coumaphos	0.1	< 0.10 mg/kg
Cyfluthrin	1	< 0.50 mg/kg	Cypermethrin	1	< 0.50 mg/kg
Daminozide	0.10	< 0.10 mg/kg	DDVP (Dichlorvos)	0.1	< 0.10 mg/kg
Diazinon	0.1	< 0.10 mg/kg	Dimethoate	0.2	< 0.10 mg/kg
Dimethomorph	2	< 0.20 mg/kg	Ethoprophos	0.2	< 0.10 mg/kg
Etofenprox	0.4	< 0.10 mg/kg	Etoxazole	0.1	< 0.10 mg/kg
Fenhexamid	0.1	< 0.10 mg/kg	Fenoxycarb	0.2	< 0.10 mg/kg
Fenpyroximate	0.1	< 0.10 mg/kg	Fipronil	0.4	< 0.10 mg/kg
Flonicamid	0.1	< 0.10 mg/kg	Fludioxonil	0.1	< 0.10 mg/kg
Hexythiazox	0.1	< 0.10 mg/kg	Imazalil	0.10	< 0.10 mg/kg
Imidacloprid	0.02	< 0.020 mg/kg	Kresoxim-methyl	0.1	< 0.10 mg/kg
Malathion	0.2	< 0.10 mg/kg	Metalaxyl	0.2	< 0.10 mg/kg
Methiocarb	0.2	< 0.10 mg/kg	Methomyl	0.4	< 0.20 mg/kg
Methyl-Parathion	0.2	< 0.10 mg/kg	Mevinphos	0.1	< 0.10 mg/kg
MGK-264	0.2	< 0.10 mg/kg	Myclobutanil	0.04	< 0.040 mg/kg
Naled	0.2	< 0.20 mg/kg	Oxamyl	0.5	< 0.50 mg/kg
Paclobutrazol	0.10	< 0.10 mg/kg	Pentachloronitrobenzene	0.1	< 0.10 mg/kg
Permethrins	0.04	< 0.040 mg/kg	Phosmet	0.1	< 0.10 mg/kg
Piperonyl Butoxide	2	< 0.50 mg/kg	Prallethrin	0.1	< 0.10 mg/kg
Propiconazole	0.1	< 0.10 mg/kg	Propoxur	0.2	< 0.10 mg/kg
Pyrethrins	0.5	< 0.50 mg/kg	Pyridaben	0.1	< 0.10 mg/kg
Spinetoram	0.1	< 0.10 mg/kg	Spinosad	0.06	< 0.060 mg/kg
Spiromesifen	0.03	< 0.030 mg/kg	Spirotetramat	0.02	< 0.020 mg/kg
Spiroxamine	0.4	< 0.10 mg/kg	Tebuconazole	0.01	< 0.010 mg/kg
Thiacloprid	0.2	< 0.10 mg/kg	Thiamethoxam	0.2	< 0.10 mg/kg
Trifloxystrobin	0.1	< 0.10 mg/kg			

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Component: Forbidden Guava Lot 1

Test Type: Residual Solvent

Contaminant Name	Max. Allowed (ppm)	Test Result	Contaminant Name	Max. Allowed (ppm)	Test Result
1,2-Dichloroethane	1.0	< 1 ppm	1,4-Dioxane	380	< 3 ppm
1-Butanol	5000	< 10 ppm	1-Pentanol	5000	< 25 ppm
1-Propanol	5000	< 3 ppm	2,2-Dimethylbutane	50	< 10 ppm
2,3-Dimethylbutane	50	< 50 ppm	2-Butanol	5000	< 5 ppm
2-Butanone	5000	< 3 ppm	2-Ethoxyethanol	160	< 50 ppm
2-Methylbutane	750	< 5 ppm	2-Methylpentane	50	< 5 ppm
2-Methylpropane (Isobutane)	800	< 10 ppm	2-Propanol (IPA)	500	12 ppm
3-Methylpentane	50	< 3 ppm	Acetone	750	165 ppm
Acetonitrile	60	< 5 ppm	Benzene	1.0	< 0.5 ppm
Butane	500	< 10 ppm	Chloroform	1.0	< 1 ppm
Cumene (Isopropyl Benzene)	70	< 1 ppm	Cyclohexane	3880	< 3 ppm
Dimethyl Sulfoxide (DMSO)	5000	< 400 ppm	Ethanol	1000	15 ppm
Ethyl Acetate	400	< 5 ppm	Ethyl Ether	500	4 ppm
Ethylbenzene	150	< 1 ppm	Ethylene Glycol	620	< 400 ppm
Ethylene Oxide	1.0	< 1 ppm	Heptane	500	< 3 ppm
Isopropyl Acetate	200	< 3 ppm	Methanol	250	< 3 ppm
Methylene Chloride	1.0	< 0.5 ppm	m-Xylene and p-Xylene	150	< 2 ppm
N,N-Dimethylacetamide	880	< 50 ppm	N,N-Dimethylformamide	880	< 50 ppm
Naphtha	400	< 164 ppm	Neopentane	750	< 3 ppm
n-Hexane	50	< 3 ppm	o-Xylene	150	< 3 ppm
Pentane	750	< 1 ppm	Petroleum Ether	400	< 164 ppm
Propane	500	< 50 ppm	Pyridine	200	< 25 ppm
Tetrahydrofuran	720	< 1 ppm	Toluene	150	< 1 ppm
Total Residual Solvents	5000	< 5000 ppm	Trichloroethylene	1.0	< 1 ppm
Xylenes	150	< 6 ppm			

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Component: Guaiol Lot 1

Test Type: Heavy Metals

Contaminant Name	Max. Allowed (ppm)	Test Result	Contaminant Name	Max. Allowed (ppm)	Test Result
Arsenic	0.2	< 0.0440 mg/kg	Cadmium	0.2	< 0.0499 mg/kg
Lead	0.5	< 0.0499 mg/kg	Mercury	0.1	< 0.0250 mg/kg

CERTIFICATE OF ANALYSIS



Component: Guaiol Lot 1

Test Type: Pesticide

Contaminant Name	Max. Allowed (ppm)	Test Result	Contaminant Name	Max. Allowed (ppm)	Test Result
Abamectin	0.07	< 0.070 mg/kg	Acephate	0.1	< 0.10 mg/kg
Acequinocyl	0.1	< 0.10 mg/kg	Acetamiprid	0.1	< 0.10 mg/kg
Aldicarb	0.4	< 0.10 mg/kg	Azoxystrobin	0.02	< 0.020 mg/kg
Bifenazate	0.02	< 0.020 mg/kg	Bifenthrin	0.1	< 0.10 mg/kg
Boscalid	0.1	< 0.10 mg/kg	Captan	0.7	< 0.70 mg/kg
Carbaryl	0.2	< 0.10 mg/kg	Carbofuran	0.2	< 0.10 mg/kg
Chlorantraniliprole	0.2	< 0.10 mg/kg	Chlordane	0.1	< 0.10 mg/kg
Chlorfenapyr	0.2	< 0.10 mg/kg	Chlorpyrifos	0.2	< 0.10 mg/kg
Clofentezine	0.1	< 0.10 mg/kg	Coumaphos	0.1	< 0.10 mg/kg
Cyfluthrin	1	< 0.50 mg/kg	Cypermethrin	1	< 0.50 mg/kg
Daminozide	0.10	< 0.10 mg/kg	DDVP (Dichlorvos)	0.1	< 0.10 mg/kg
Diazinon	0.1	< 0.10 mg/kg	Dimethoate	0.2	< 0.10 mg/kg
Dimethomorph	2	< 0.20 mg/kg	Ethoprophos	0.2	< 0.10 mg/kg
Etofenprox	0.4	< 0.10 mg/kg	Etoxazole	0.1	< 0.10 mg/kg
Fenhexamid	0.1	< 0.10 mg/kg	Fenoxycarb	0.2	< 0.10 mg/kg
Fenpyroximate	0.1	< 0.10 mg/kg	Fipronil	0.4	< 0.10 mg/kg
Flonicamid	0.1	< 0.10 mg/kg	Fludioxonil	0.1	< 0.10 mg/kg
Hexythiazox	0.1	< 0.10 mg/kg	Imazalil	0.10	< 0.10 mg/kg
Imidacloprid	0.02	< 0.020 mg/kg	Kresoxim-methyl	0.1	< 0.10 mg/kg
Malathion	0.2	< 0.10 mg/kg	Metalaxyl	0.2	< 0.10 mg/kg
Methiocarb	0.2	< 0.10 mg/kg	Methomyl	0.4	< 0.20 mg/kg
Methyl-Parathion	0.2	< 0.10 mg/kg	Mevinphos	0.1	< 0.10 mg/kg
MGK-264	0.2	< 0.10 mg/kg	Myclobutanil	0.04	< 0.040 mg/kg
Naled	0.2	< 0.20 mg/kg	Oxamyl	0.5	< 0.50 mg/kg
Paclobutrazol	0.10	< 0.10 mg/kg	Pentachloronitrobenzene	0.1	< 0.10 mg/kg
Permethrins	0.04	< 0.040 mg/kg	Phosmet	0.1	< 0.10 mg/kg
Piperonyl Butoxide	2	< 0.50 mg/kg	Prallethrin	0.1	< 0.10 mg/kg
Propiconazole	0.1	< 0.10 mg/kg	Propoxur	0.2	< 0.10 mg/kg
Pyrethrins	0.5	< 0.50 mg/kg	Pyridaben	0.1	< 0.10 mg/kg
Spinetoram	0.1	< 0.10 mg/kg	Spinosad	0.06	< 0.060 mg/kg
Spiromesifen	0.03	< 0.030 mg/kg	Spirotetramat	0.02	< 0.020 mg/kg
Spiroxamine	0.4	< 0.10 mg/kg	Tebuconazole	0.01	< 0.010 mg/kg
Thiacloprid	0.2	< 0.10 mg/kg	Thiamethoxam	0.2	< 0.10 mg/kg
Trifloxystrobin	0.1	< 0.10 mg/kg			

CERTIFICATE OF ANALYSIS



Component: Humulene Lot 1

Test Type: Heavy Metals

Contaminant Name	Max. Allowed (ppm)	Test Result	Contaminant Name	Max. Allowed (ppm)	Test Result
Arsenic	0.2	< 0.0478 mg/kg	Cadmium	0.2	< 0.0478 mg/kg
Lead	0.5	< 0.0478 mg/kg	Mercury	0.1	< 0.0239 mg/kg

CERTIFICATE OF ANALYSIS



Component: Humulene Lot 1

Test Type: Pesticide

Contaminant Name	Max. Allowed (ppm)	Test Result	Contaminant Name	Max. Allowed (ppm)	Test Result
Abamectin	0.07	< 0.070 mg/kg	Acephate	0.1	< 0.020 mg/kg
Acequinocyl	0.1	< 0.025 mg/kg	Acetamiprid	0.1	< 0.050 mg/kg
Aldicarb	0.4	< 0.10 mg/kg	Azoxystrobin	0.02	< 0.010 mg/kg
Bifenazate	0.02	< 0.010 mg/kg	Bifenthrin	0.1	< 0.10 mg/kg
Boscalid	0.1	< 0.010 mg/kg	Captan	0.7	< 0.70 mg/kg
Carbaryl	0.2	< 0.025 mg/kg	Carbofuran	0.2	< 0.010 mg/kg
Chlorantraniliprole	0.2	< 0.010 mg/kg	Chlorfenapyr	0.2	< 0.10 mg/kg
Chlorpyrifos	0.2	< 0.010 mg/kg	Clofentezine	0.1	< 0.010 mg/kg
Coumaphos	0.1	< 0.010 mg/kg	Cyfluthrin	1	< 0.40 mg/kg
Cypermethrin	1	< 0.30 mg/kg	Daminozide	0.10	< 0.050 mg/kg
DDVP (Dichlorvos)	0.1	< 0.050 mg/kg	Diazinon	0.1	< 0.010 mg/kg
Dimethoate	0.2	< 0.010 mg/kg	Dimethomorph	2	< 0.050 mg/kg
Ethoprophos	0.2	< 0.010 mg/kg	Etofenprox	0.4	< 0.010 mg/kg
Etoxazole	0.1	< 0.010 mg/kg	Fenhexamid	0.1	< 0.10 mg/kg
Fenoxycarb	0.2	< 0.010 mg/kg	Fenpyroximate	0.1	< 0.020 mg/kg
Fipronil	0.4	< 0.010 mg/kg	Fonicamid	0.1	< 0.025 mg/kg
Fludioxonil	0.1	< 0.010 mg/kg	Hexythiazox	0.1	< 0.010 mg/kg
Imazalil	0.10	< 0.010 mg/kg	Imidacloprid	0.02	< 0.010 mg/kg
Kresoxim-methyl	0.1	< 0.010 mg/kg	Malathion	0.2	< 0.010 mg/kg
Metalaxyl	0.2	< 0.010 mg/kg	Methiocarb	0.2	< 0.010 mg/kg
Methomyl	0.4	< 0.025 mg/kg	Methyl-Parathion	0.2	< 0.030 mg/kg
Mevinphos	0.1	< 0.025 mg/kg	MGK-264	0.2	< 0.050 mg/kg
Myclobutanil	0.04	< 0.010 mg/kg	Naled	0.2	< 0.10 mg/kg
Oxamyl	0.5	< 0.50 mg/kg	Paclobutrazol	0.10	< 0.010 mg/kg
Permethrins	0.04	< 0.040 mg/kg	Phosmet	0.1	< 0.010 mg/kg
Piperonyl Butoxide	2	< 0.20 mg/kg	Prallethrin	0.1	< 0.050 mg/kg
Propiconazole	0.1	< 0.010 mg/kg	Propoxur	0.2	< 0.010 mg/kg
Pyrethrins	0.5	< 0.025 mg/kg	Pyridaben	0.1	< 0.020 mg/kg
Spinetoram	0.1	< 0.010 mg/kg	Spinosad	0.06	< 0.010 mg/kg
Spiromesifen	0.03	< 0.030 mg/kg	Spirotetramat	0.02	< 0.010 mg/kg
Spiroxamine	0.4	< 0.010 mg/kg	Tebuconazole	0.01	< 0.010 mg/kg
Thiacloprid	0.2	< 0.010 mg/kg	Thiamethoxam	0.2	< 0.010 mg/kg
Trifloxystrobin	0.1	< 0.010 mg/kg			

CERTIFICATE OF ANALYSIS



Component: Limonene Lot 1

Test Type: Heavy Metals

Contaminant Name	Max. Allowed (ppm)	Test Result	Contaminant Name	Max. Allowed (ppm)	Test Result
Arsenic	0.2	< 0.0480 mg/kg	Cadmium	0.2	< 0.0480 mg/kg
Lead	0.5	< 0.0480 mg/kg	Mercury	0.1	< 0.0240 mg/kg

CERTIFICATE OF ANALYSIS



Component: Limonene Lot 1

Test Type: Pesticide

Contaminant Name	Max. Allowed (ppm)	Test Result	Contaminant Name	Max. Allowed (ppm)	Test Result
Abamectin	0.07	< 0.070 mg/kg	Acephate	0.1	< 0.020 mg/kg
Acequinocyl	0.1	< 0.025 mg/kg	Acetamiprid	0.1	< 0.050 mg/kg
Aldicarb	0.4	< 0.10 mg/kg	Azoxystrobin	0.02	< 0.010 mg/kg
Bifenazate	0.02	< 0.010 mg/kg	Bifenthrin	0.1	< 0.10 mg/kg
Boscalid	0.1	< 0.010 mg/kg	Captan	0.7	< 0.70 mg/kg
Carbaryl	0.2	< 0.025 mg/kg	Carbofuran	0.2	< 0.010 mg/kg
Chlorantraniliprole	0.2	< 0.010 mg/kg	Chlorfenapyr	0.2	< 0.10 mg/kg
Chlorpyrifos	0.2	< 0.010 mg/kg	Clofentezine	0.1	< 0.010 mg/kg
Coumaphos	0.1	< 0.010 mg/kg	Cyfluthrin	1	< 0.40 mg/kg
Cypermethrin	1	< 0.30 mg/kg	Daminozide	0.10	< 0.050 mg/kg
DDVP (Dichlorvos)	0.1	< 0.050 mg/kg	Diazinon	0.1	< 0.010 mg/kg
Dimethoate	0.2	< 0.010 mg/kg	Dimethomorph	2	< 0.050 mg/kg
Ethoprophos	0.2	< 0.010 mg/kg	Etofenprox	0.4	< 0.010 mg/kg
Etoxazole	0.1	< 0.010 mg/kg	Fenhexamid	0.1	< 0.10 mg/kg
Fenoxycarb	0.2	< 0.010 mg/kg	Fenpyroximate	0.1	< 0.020 mg/kg
Fipronil	0.4	< 0.010 mg/kg	Fonicamid	0.1	< 0.025 mg/kg
Fludioxonil	0.1	< 0.010 mg/kg	Hexythiazox	0.1	< 0.010 mg/kg
Imazalil	0.10	< 0.010 mg/kg	Imidacloprid	0.02	< 0.010 mg/kg
Kresoxim-methyl	0.1	< 0.010 mg/kg	Malathion	0.2	< 0.010 mg/kg
Metalaxyl	0.2	< 0.010 mg/kg	Methiocarb	0.2	< 0.010 mg/kg
Methomyl	0.4	< 0.025 mg/kg	Methyl-Parathion	0.2	< 0.030 mg/kg
Mevinphos	0.1	< 0.025 mg/kg	MGK-264	0.2	< 0.050 mg/kg
Myclobutanil	0.04	< 0.010 mg/kg	Naled	0.2	< 0.10 mg/kg
Oxamyl	0.5	< 0.50 mg/kg	Paclobutrazol	0.10	< 0.010 mg/kg
Permethrins	0.04	< 0.040 mg/kg	Phosmet	0.1	< 0.010 mg/kg
Piperonyl Butoxide	2	< 0.20 mg/kg	Prallethrin	0.1	< 0.050 mg/kg
Propiconazole	0.1	< 0.010 mg/kg	Propoxur	0.2	< 0.010 mg/kg
Pyrethrins	0.5	< 0.025 mg/kg	Pyridaben	0.1	< 0.020 mg/kg
Spinetoram	0.1	< 0.010 mg/kg	Spinosad	0.06	< 0.010 mg/kg
Spiromesifen	0.03	< 0.030 mg/kg	Spirotetramat	0.02	< 0.010 mg/kg
Spiroxamine	0.4	< 0.010 mg/kg	Tebuconazole	0.01	< 0.010 mg/kg
Thiacloprid	0.2	< 0.010 mg/kg	Thiamethoxam	0.2	< 0.010 mg/kg
Trifloxystrobin	0.1	< 0.010 mg/kg			

CERTIFICATE OF ANALYSIS



Component: Linalool Lot 1

Test Type: Heavy Metals

Contaminant Name	Max. Allowed (ppm)	Test Result	Contaminant Name	Max. Allowed (ppm)	Test Result
Arsenic	0.2	< 0.0485 mg/kg	Cadmium	0.2	< 0.0485 mg/kg
Lead	0.5	< 0.0485 mg/kg	Mercury	0.1	< 0.0243 mg/kg

CERTIFICATE OF ANALYSIS



Component: Linalool Lot 1

Test Type: Pesticide

Contaminant Name	Max. Allowed (ppm)	Test Result	Contaminant Name	Max. Allowed (ppm)	Test Result
Abamectin	0.07	< 0.070 mg/kg	Acephate	0.1	< 0.10 mg/kg
Acequinocyl	0.1	< 0.10 mg/kg	Acetamiprid	0.1	< 0.10 mg/kg
Aldicarb	0.4	< 0.10 mg/kg	Azoxystrobin	0.02	< 0.020 mg/kg
Bifenazate	0.02	< 0.020 mg/kg	Bifenthrin	0.1	< 0.10 mg/kg
Boscalid	0.1	< 0.10 mg/kg	Captan	0.7	< 0.70 mg/kg
Carbaryl	0.2	< 0.10 mg/kg	Carbofuran	0.2	< 0.10 mg/kg
Chlorantraniliprole	0.2	< 0.10 mg/kg	Chlordane	0.1	< 0.10 mg/kg
Chlorfenapyr	0.2	< 0.10 mg/kg	Chlorpyrifos	0.2	< 0.10 mg/kg
Clofentezine	0.1	< 0.10 mg/kg	Coumaphos	0.1	< 0.10 mg/kg
Cyfluthrin	1	< 0.50 mg/kg	Cypermethrin	1	< 0.50 mg/kg
Daminozide	0.10	< 0.10 mg/kg	DDVP (Dichlorvos)	0.1	< 0.10 mg/kg
Diazinon	0.1	< 0.10 mg/kg	Dimethoate	0.2	< 0.10 mg/kg
Dimethomorph	2	< 0.20 mg/kg	Ethoprophos	0.2	< 0.10 mg/kg
Etofenprox	0.4	< 0.10 mg/kg	Etoxazole	0.1	< 0.10 mg/kg
Fenhexamid	0.1	< 0.10 mg/kg	Fenoxycarb	0.2	< 0.10 mg/kg
Fenpyroximate	0.1	< 0.10 mg/kg	Fipronil	0.4	< 0.10 mg/kg
Flonicamid	0.1	< 0.10 mg/kg	Fludioxonil	0.1	< 0.10 mg/kg
Hexythiazox	0.1	< 0.10 mg/kg	Imazalil	0.10	< 0.10 mg/kg
Imidacloprid	0.02	< 0.020 mg/kg	Kresoxim-methyl	0.1	< 0.10 mg/kg
Malathion	0.2	< 0.10 mg/kg	Metalaxyl	0.2	< 0.10 mg/kg
Methiocarb	0.2	< 0.10 mg/kg	Methomyl	0.4	< 0.20 mg/kg
Methyl-Parathion	0.2	< 0.10 mg/kg	Mevinphos	0.1	< 0.10 mg/kg
MGK-264	0.2	< 0.10 mg/kg	Myclobutanil	0.04	< 0.040 mg/kg
Naled	0.2	< 0.20 mg/kg	Oxamyl	0.5	< 0.50 mg/kg
Paclobutrazol	0.10	< 0.10 mg/kg	Pentachloronitrobenzene	0.1	< 0.10 mg/kg
Permethrins	0.04	< 0.040 mg/kg	Phosmet	0.1	< 0.10 mg/kg
Piperonyl Butoxide	2	< 0.50 mg/kg	Prallethrin	0.1	< 0.10 mg/kg
Propiconazole	0.1	< 0.10 mg/kg	Propoxur	0.2	< 0.10 mg/kg
Pyrethrins	0.5	< 0.50 mg/kg	Pyridaben	0.1	< 0.10 mg/kg
Spinetoram	0.1	< 0.10 mg/kg	Spinosad	0.06	< 0.060 mg/kg
Spiromesifen	0.03	< 0.030 mg/kg	Spirotetramat	0.02	< 0.020 mg/kg
Spiroxamine	0.4	< 0.10 mg/kg	Tebuconazole	0.01	< 0.010 mg/kg
Thiacloprid	0.2	< 0.10 mg/kg	Thiamethoxam	0.2	< 0.10 mg/kg
Trifloxystrobin	0.1	< 0.10 mg/kg			

CERTIFICATE OF ANALYSIS



Component: Myrcene Lot 1

Test Type: Heavy Metals

Contaminant Name	Max. Allowed (ppm)	Test Result	Contaminant Name	Max. Allowed (ppm)	Test Result
Arsenic	0.2	< 0.0482 mg/kg	Cadmium	0.2	< 0.0482 mg/kg
Lead	0.5	< 0.0482 mg/kg	Mercury	0.1	< 0.0241 mg/kg

CERTIFICATE OF ANALYSIS



Component: Myrcene Lot 1

Test Type: Pesticide

Contaminant Name	Max. Allowed (ppm)	Test Result	Contaminant Name	Max. Allowed (ppm)	Test Result
Abamectin	0.07	< 0.070 mg/kg	Acephate	0.1	< 0.020 mg/kg
Acequinocyl	0.1	< 0.025 mg/kg	Acetamiprid	0.1	< 0.050 mg/kg
Aldicarb	0.4	< 0.10 mg/kg	Azoxystrobin	0.02	< 0.010 mg/kg
Bifenazate	0.02	< 0.010 mg/kg	Bifenthrin	0.1	< 0.10 mg/kg
Boscalid	0.1	< 0.010 mg/kg	Captan	0.7	< 0.70 mg/kg
Carbaryl	0.2	< 0.025 mg/kg	Carbofuran	0.2	< 0.010 mg/kg
Chlorantraniliprole	0.2	< 0.010 mg/kg	Chlorfenapyr	0.2	< 0.10 mg/kg
Chlorpyrifos	0.2	< 0.010 mg/kg	Clofentezine	0.1	< 0.010 mg/kg
Coumaphos	0.1	< 0.010 mg/kg	Cyfluthrin	1	< 0.40 mg/kg
Cypermethrin	1	< 0.30 mg/kg	Daminozide	0.10	< 0.050 mg/kg
DDVP (Dichlorvos)	0.1	< 0.050 mg/kg	Diazinon	0.1	< 0.010 mg/kg
Dimethoate	0.2	< 0.010 mg/kg	Dimethomorph	2	< 0.050 mg/kg
Ethoprophos	0.2	< 0.010 mg/kg	Etofenprox	0.4	< 0.010 mg/kg
Etoxazole	0.1	< 0.010 mg/kg	Fenhexamid	0.1	< 0.10 mg/kg
Fenoxycarb	0.2	< 0.010 mg/kg	Fenpyroximate	0.1	< 0.020 mg/kg
Fipronil	0.4	< 0.010 mg/kg	Fonicamid	0.1	< 0.025 mg/kg
Fludioxonil	0.1	< 0.010 mg/kg	Hexythiazox	0.1	< 0.010 mg/kg
Imazalil	0.10	< 0.010 mg/kg	Imidacloprid	0.02	< 0.010 mg/kg
Kresoxim-methyl	0.1	< 0.010 mg/kg	Malathion	0.2	< 0.010 mg/kg
Metalaxyl	0.2	< 0.010 mg/kg	Methiocarb	0.2	< 0.010 mg/kg
Methomyl	0.4	< 0.025 mg/kg	Methyl-Parathion	0.2	< 0.030 mg/kg
Mevinphos	0.1	< 0.025 mg/kg	MGK-264	0.2	< 0.050 mg/kg
Myclobutanil	0.04	< 0.010 mg/kg	Naled	0.2	< 0.10 mg/kg
Oxamyl	0.5	< 0.50 mg/kg	Paclobutrazol	0.10	< 0.010 mg/kg
Permethrins	0.04	< 0.040 mg/kg	Phosmet	0.1	< 0.010 mg/kg
Piperonyl Butoxide	2	< 0.20 mg/kg	Prallethrin	0.1	< 0.050 mg/kg
Propiconazole	0.1	< 0.010 mg/kg	Propoxur	0.2	< 0.010 mg/kg
Pyrethrins	0.5	< 0.025 mg/kg	Pyridaben	0.1	< 0.020 mg/kg
Spinetoram	0.1	< 0.010 mg/kg	Spinosad	0.06	< 0.010 mg/kg
Spiromesifen	0.03	< 0.030 mg/kg	Spirotetramat	0.02	< 0.010 mg/kg
Spiroxamine	0.4	< 0.010 mg/kg	Tebuconazole	0.01	< 0.010 mg/kg
Thiacloprid	0.2	< 0.010 mg/kg	Thiamethoxam	0.2	< 0.010 mg/kg
Trifloxystrobin	0.1	< 0.010 mg/kg			

CERTIFICATE OF ANALYSIS



Component: Piperonal Lot 1

Test Type: Heavy Metals

Contaminant Name	Max. Allowed (ppm)	Test Result	Contaminant Name	Max. Allowed (ppm)	Test Result
Arsenic	0.2	< 0.0484 mg/kg	Cadmium	0.2	< 0.0484 mg/kg
Lead	0.5	< 0.0484 mg/kg	Mercury	0.1	< 0.0242 mg/kg

CERTIFICATE OF ANALYSIS



Component: Piperonal Lot 1

Test Type: Pesticide

Contaminant Name	Max. Allowed (ppm)	Test Result	Contaminant Name	Max. Allowed (ppm)	Test Result
Abamectin	0.07	< 0.070 mg/kg	Acephate	0.1	< 0.10 mg/kg
Acequinocyl	0.1	< 0.10 mg/kg	Acetamiprid	0.1	< 0.10 mg/kg
Aldicarb	0.4	< 0.10 mg/kg	Azoxystrobin	0.02	< 0.020 mg/kg
Bifenazate	0.02	< 0.020 mg/kg	Bifenthrin	0.1	< 0.10 mg/kg
Boscalid	0.1	< 0.10 mg/kg	Captan	0.7	< 0.70 mg/kg
Carbaryl	0.2	< 0.10 mg/kg	Carbofuran	0.2	< 0.10 mg/kg
Chlorantraniliprole	0.2	< 0.10 mg/kg	Chlordane	0.1	< 0.10 mg/kg
Chlorfenapyr	0.2	< 0.10 mg/kg	Chlorpyrifos	0.2	< 0.10 mg/kg
Clofentezine	0.1	< 0.10 mg/kg	Coumaphos	0.1	< 0.10 mg/kg
Cyfluthrin	1	< 0.50 mg/kg	Cypermethrin	1	< 0.50 mg/kg
Daminozide	0.10	< 0.10 mg/kg	DDVP (Dichlorvos)	0.1	< 0.10 mg/kg
Diazinon	0.1	< 0.10 mg/kg	Dimethoate	0.2	< 0.10 mg/kg
Dimethomorph	2	< 0.20 mg/kg	Ethoprophos	0.2	< 0.10 mg/kg
Etofenprox	0.4	< 0.10 mg/kg	Etoxazole	0.1	< 0.10 mg/kg
Fenhexamid	0.1	< 0.10 mg/kg	Fenoxycarb	0.2	< 0.10 mg/kg
Fenpyroximate	0.1	< 0.10 mg/kg	Fipronil	0.4	< 0.10 mg/kg
Flonicamid	0.1	< 0.10 mg/kg	Fludioxonil	0.1	< 0.10 mg/kg
Hexythiazox	0.1	< 0.10 mg/kg	Imazalil	0.10	< 0.10 mg/kg
Imidacloprid	0.02	< 0.020 mg/kg	Kresoxim-methyl	0.1	< 0.10 mg/kg
Malathion	0.2	< 0.10 mg/kg	Metalaxyl	0.2	< 0.10 mg/kg
Methiocarb	0.2	< 0.10 mg/kg	Methomyl	0.4	< 0.20 mg/kg
Methyl-Parathion	0.2	< 0.10 mg/kg	Mevinphos	0.1	< 0.10 mg/kg
MGK-264	0.2	< 0.10 mg/kg	Myclobutanil	0.04	< 0.040 mg/kg
Naled	0.2	< 0.20 mg/kg	Oxamyl	0.5	< 0.50 mg/kg
Paclobutrazol	0.10	< 0.10 mg/kg	Pentachloronitrobenzene	0.1	< 0.10 mg/kg
Permethrins	0.04	< 0.040 mg/kg	Phosmet	0.1	< 0.10 mg/kg
Piperonyl Butoxide	2	< 0.50 mg/kg	Prallethrin	0.1	< 0.10 mg/kg
Propiconazole	0.1	< 0.10 mg/kg	Propoxur	0.2	< 0.10 mg/kg
Pyrethrins	0.5	< 0.50 mg/kg	Pyridaben	0.1	< 0.10 mg/kg
Spinetoram	0.1	< 0.10 mg/kg	Spinosad	0.06	< 0.060 mg/kg
Spiromesifen	0.03	< 0.030 mg/kg	Spirotetramat	0.02	< 0.020 mg/kg
Spiroxamine	0.4	< 0.10 mg/kg	Tebuconazole	0.01	< 0.010 mg/kg
Thiacloprid	0.2	< 0.10 mg/kg	Thiamethoxam	0.2	< 0.10 mg/kg
Trifloxystrobin	0.1	< 0.10 mg/kg			

CERTIFICATE OF ANALYSIS



Component: P-MENTHENE-8-THIOL, 1% IN D-LIMONENE,

Test Type: Heavy Metals

Contaminant Name	Max. Allowed (ppm)	Test Result	Contaminant Name	Max. Allowed (ppm)	Test Result
Arsenic	0.2	< 0.0479 mg/kg	Cadmium	0.2	< 0.0479 mg/kg
Lead	0.5	< 0.0479 mg/kg	Mercury	0.1	< 0.0239 mg/kg

CERTIFICATE OF ANALYSIS



Component: P-MENTHENE-8-THIOL, 1% IN D-LIMONENE,

Test Type: Pesticide

Contaminant Name	Max. Allowed (ppm)	Test Result	Contaminant Name	Max. Allowed (ppm)	Test Result
Abamectin	0.07	< 0.070 mg/kg	Acephate	0.1	< 0.10 mg/kg
Acequinocyl	0.1	< 0.10 mg/kg	Acetamiprid	0.1	< 0.10 mg/kg
Aldicarb	0.4	< 0.10 mg/kg	Azoxystrobin	0.02	< 0.020 mg/kg
Bifenazate	0.02	< 0.020 mg/kg	Bifenthrin	0.1	< 0.10 mg/kg
Boscalid	0.1	< 0.10 mg/kg	Captan	0.7	< 0.70 mg/kg
Carbaryl	0.2	< 0.10 mg/kg	Carbofuran	0.2	< 0.10 mg/kg
Chlorantraniliprole	0.2	< 0.10 mg/kg	Chlordane	0.1	< 0.10 mg/kg
Chlorfenapyr	0.2	< 0.10 mg/kg	Chlorpyrifos	0.2	< 0.10 mg/kg
Clofentezine	0.1	< 0.10 mg/kg	Coumaphos	0.1	< 0.10 mg/kg
Cyfluthrin	1	< 0.50 mg/kg	Cypermethrin	1	< 0.50 mg/kg
Daminozide	0.10	< 0.10 mg/kg	DDVP (Dichlorvos)	0.1	< 0.10 mg/kg
Diazinon	0.1	< 0.10 mg/kg	Dimethoate	0.2	< 0.10 mg/kg
Dimethomorph	2	< 0.20 mg/kg	Ethoprophos	0.2	< 0.10 mg/kg
Etofenprox	0.4	< 0.10 mg/kg	Etoxazole	0.1	< 0.10 mg/kg
Fenhexamid	0.1	< 0.10 mg/kg	Fenoxycarb	0.2	< 0.10 mg/kg
Fenpyroximate	0.1	< 0.10 mg/kg	Fipronil	0.4	< 0.10 mg/kg
Flonicamid	0.1	< 0.10 mg/kg	Fludioxonil	0.1	< 0.10 mg/kg
Hexythiazox	0.1	< 0.10 mg/kg	Imazalil	0.10	< 0.10 mg/kg
Imidacloprid	0.02	< 0.020 mg/kg	Kresoxim-methyl	0.1	< 0.10 mg/kg
Malathion	0.2	< 0.10 mg/kg	Metalaxyl	0.2	< 0.10 mg/kg
Methiocarb	0.2	< 0.10 mg/kg	Methomyl	0.4	< 0.20 mg/kg
Methyl-Parathion	0.2	< 0.10 mg/kg	Mevinphos	0.1	< 0.10 mg/kg
MGK-264	0.2	< 0.10 mg/kg	Myclobutanil	0.04	< 0.040 mg/kg
Naled	0.2	< 0.20 mg/kg	Oxamyl	0.5	< 0.50 mg/kg
Paclobutrazol	0.10	< 0.10 mg/kg	Pentachloronitrobenzene	0.1	< 0.10 mg/kg
Permethrins	0.04	< 0.040 mg/kg	Phosmet	0.1	< 0.10 mg/kg
Piperonyl Butoxide	2	< 0.50 mg/kg	Prallethrin	0.1	< 0.10 mg/kg
Propiconazole	0.1	< 0.10 mg/kg	Propoxur	0.2	< 0.10 mg/kg
Pyrethrins	0.5	< 0.50 mg/kg	Pyridaben	0.1	< 0.10 mg/kg
Spinetoram	0.1	< 0.10 mg/kg	Spinosad	0.06	< 0.060 mg/kg
Spiromesifen	0.03	< 0.030 mg/kg	Spirotetramat	0.02	< 0.020 mg/kg
Spiroxamine	0.4	< 0.10 mg/kg	Tebuconazole	0.01	< 0.010 mg/kg
Thiacloprid	0.2	< 0.10 mg/kg	Thiamethoxam	0.2	< 0.10 mg/kg
Trifloxystrobin	0.1	< 0.10 mg/kg			

CERTIFICATE OF ANALYSIS



Component: α -Bisabolol Lot 1

Test Type: Heavy Metals

Contaminant Name	Max. Allowed (ppm)	Test Result	Contaminant Name	Max. Allowed (ppm)	Test Result
Arsenic	0.2	< 0.0360 mg/kg	Cadmium	0.2	< 0.0360 mg/kg
Lead	0.5	< 0.0360 mg/kg	Mercury	0.1	< 0.0180 mg/kg

CERTIFICATE OF ANALYSIS



Component: α -Bisabolol Lot 1

Test Type: Pesticide

Contaminant Name	Max. Allowed (ppm)	Test Result	Contaminant Name	Max. Allowed (ppm)	Test Result
Abamectin	0.07	< 0.070 mg/kg	Acephate	0.1	< 0.10 mg/kg
Acequinocyl	0.1	< 0.10 mg/kg	Acetamiprid	0.1	< 0.10 mg/kg
Aldicarb	0.4	< 0.10 mg/kg	Azoxystrobin	0.02	< 0.020 mg/kg
Bifenazate	0.02	< 0.020 mg/kg	Bifenthrin	0.1	< 0.10 mg/kg
Boscalid	0.1	< 0.10 mg/kg	Captan	0.7	< 0.70 mg/kg
Carbaryl	0.2	< 0.10 mg/kg	Carbofuran	0.2	< 0.10 mg/kg
Chlorantraniliprole	0.2	< 0.10 mg/kg	Chlordane	0.1	< 0.10 mg/kg
Chlorfenapyr	0.2	< 0.10 mg/kg	Chlorpyrifos	0.2	< 0.10 mg/kg
Clofentezine	0.1	< 0.10 mg/kg	Coumaphos	0.1	< 0.10 mg/kg
Cyfluthrin	1	< 0.50 mg/kg	Cypermethrin	1	< 0.50 mg/kg
Daminozide	0.10	< 0.10 mg/kg	DDVP (Dichlorvos)	0.1	< 0.10 mg/kg
Diazinon	0.1	< 0.10 mg/kg	Dimethoate	0.2	< 0.10 mg/kg
Dimethomorph	2	< 0.20 mg/kg	Ethoprophos	0.2	< 0.10 mg/kg
Etofenprox	0.4	< 0.10 mg/kg	Etoxazole	0.1	< 0.10 mg/kg
Fenhexamid	0.1	< 0.10 mg/kg	Fenoxycarb	0.2	< 0.10 mg/kg
Fenpyroximate	0.1	< 0.10 mg/kg	Fipronil	0.4	< 0.10 mg/kg
Flonicamid	0.1	< 0.10 mg/kg	Fludioxonil	0.1	< 0.10 mg/kg
Hexythiazox	0.1	< 0.10 mg/kg	Imazalil	0.10	< 0.10 mg/kg
Imidacloprid	0.02	< 0.020 mg/kg	Kresoxim-methyl	0.1	< 0.10 mg/kg
Malathion	0.2	< 0.10 mg/kg	Metalaxyl	0.2	< 0.10 mg/kg
Methiocarb	0.2	< 0.10 mg/kg	Methomyl	0.4	< 0.20 mg/kg
Methyl-Parathion	0.2	< 0.10 mg/kg	Mevinphos	0.1	< 0.10 mg/kg
MGK-264	0.2	< 0.10 mg/kg	Myclobutanil	0.04	< 0.040 mg/kg
Naled	0.2	< 0.20 mg/kg	Oxamyl	0.5	< 0.50 mg/kg
Paclobutrazol	0.10	< 0.10 mg/kg	Pentachloronitrobenzene	0.1	< 0.10 mg/kg
Permethrins	0.04	< 0.040 mg/kg	Phosmet	0.1	< 0.10 mg/kg
Piperonyl Butoxide	2	< 0.50 mg/kg	Prallethrin	0.1	< 0.10 mg/kg
Propiconazole	0.1	< 0.10 mg/kg	Propoxur	0.2	< 0.10 mg/kg
Pyrethrins	0.5	< 0.50 mg/kg	Pyridaben	0.1	< 0.10 mg/kg
Spinetoram	0.1	< 0.10 mg/kg	Spinosad	0.06	< 0.060 mg/kg
Spiromesifen	0.03	< 0.030 mg/kg	Spirotetramat	0.02	< 0.020 mg/kg
Spiroxamine	0.4	< 0.10 mg/kg	Tebuconazole	0.01	< 0.010 mg/kg
Thiacloprid	0.2	< 0.10 mg/kg	Thiamethoxam	0.2	< 0.10 mg/kg
Trifloxystrobin	0.1	< 0.10 mg/kg			

CERTIFICATE OF ANALYSIS



Component: β -Caryophyllene Lot 1

Test Type: Heavy Metals

Contaminant Name	Max. Allowed (ppm)	Test Result	Contaminant Name	Max. Allowed (ppm)	Test Result
Arsenic	0.2	< 0.0476 mg/kg	Cadmium	0.2	< 0.0476 mg/kg
Lead	0.5	< 0.0476 mg/kg	Mercury	0.1	< 0.0238 mg/kg

CERTIFICATE OF ANALYSIS



Component: β -Caryophyllene Lot 1

Test Type: Pesticide

Contaminant Name	Max. Allowed (ppm)	Test Result	Contaminant Name	Max. Allowed (ppm)	Test Result
Abamectin	0.07	< 0.070 mg/kg	Acephate	0.1	< 0.020 mg/kg
Acequinocyl	0.1	< 0.025 mg/kg	Acetamiprid	0.1	< 0.050 mg/kg
Aldicarb	0.4	< 0.10 mg/kg	Azoxystrobin	0.02	< 0.010 mg/kg
Bifenazate	0.02	< 0.010 mg/kg	Bifenthrin	0.1	< 0.10 mg/kg
Boscalid	0.1	< 0.010 mg/kg	Captan	0.7	< 0.70 mg/kg
Carbaryl	0.2	< 0.025 mg/kg	Carbofuran	0.2	< 0.010 mg/kg
Chlorantraniliprole	0.2	< 0.010 mg/kg	Chlorfenapyr	0.2	< 0.10 mg/kg
Chlorpyrifos	0.2	< 0.010 mg/kg	Clofentezine	0.1	< 0.010 mg/kg
Coumaphos	0.1	< 0.010 mg/kg	Cyfluthrin	1	< 0.40 mg/kg
Cypermethrin	1	< 0.30 mg/kg	Daminozide	0.10	< 0.050 mg/kg
DDVP (Dichlorvos)	0.1	< 0.050 mg/kg	Diazinon	0.1	< 0.010 mg/kg
Dimethoate	0.2	< 0.010 mg/kg	Dimethomorph	2	< 0.050 mg/kg
Ethoprophos	0.2	< 0.010 mg/kg	Etofenprox	0.4	< 0.010 mg/kg
Etoxazole	0.1	< 0.010 mg/kg	Fenhexamid	0.1	< 0.10 mg/kg
Fenoxycarb	0.2	< 0.010 mg/kg	Fenpyroximate	0.1	< 0.020 mg/kg
Fipronil	0.4	< 0.010 mg/kg	Fonicamid	0.1	< 0.025 mg/kg
Fludioxonil	0.1	< 0.010 mg/kg	Hexythiazox	0.1	< 0.010 mg/kg
Imazalil	0.10	< 0.010 mg/kg	Imidacloprid	0.02	< 0.010 mg/kg
Kresoxim-methyl	0.1	< 0.010 mg/kg	Malathion	0.2	< 0.010 mg/kg
Metalaxyl	0.2	< 0.010 mg/kg	Methiocarb	0.2	< 0.010 mg/kg
Methomyl	0.4	< 0.025 mg/kg	Methyl-Parathion	0.2	< 0.030 mg/kg
Mevinphos	0.1	< 0.025 mg/kg	MGK-264	0.2	< 0.050 mg/kg
Myclobutanil	0.04	< 0.010 mg/kg	Naled	0.2	< 0.10 mg/kg
Oxamyl	0.5	< 0.50 mg/kg	Paclobutrazol	0.10	< 0.010 mg/kg
Permethrins	0.04	< 0.040 mg/kg	Phosmet	0.1	< 0.010 mg/kg
Piperonyl Butoxide	2	< 0.20 mg/kg	Prallethrin	0.1	< 0.050 mg/kg
Propiconazole	0.1	< 0.010 mg/kg	Propoxur	0.2	< 0.010 mg/kg
Pyrethrins	0.5	< 0.025 mg/kg	Pyridaben	0.1	< 0.020 mg/kg
Spinetoram	0.1	< 0.010 mg/kg	Spinosad	0.06	< 0.010 mg/kg
Spiromesifen	0.03	< 0.030 mg/kg	Spirotetramat	0.02	< 0.010 mg/kg
Spiroxamine	0.4	< 0.010 mg/kg	Tebuconazole	0.01	< 0.010 mg/kg
Thiacloprid	0.2	< 0.010 mg/kg	Thiamethoxam	0.2	< 0.010 mg/kg
Trifloxystrobin	0.1	< 0.010 mg/kg			

CERTIFICATE OF ANALYSIS



A handwritten signature in blue ink, appearing to read "CD", is placed over a light gray rectangular background.

Christopher Diaz
Quality Control

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