

CERTIFICATE OF ANALYSIS



IDENTIFICATION:

PRODUCT NAME: Gamma Terpinene

PRODUCT DESIGNATION: Isolate

TT PRODUCT #: TTI-GTPE

LOT #: T108198

INTENDED FOR USE BY: July 2023

CAS #: 99-85-4

EC #: 202-794-6

PARAMETER:

SPECIFICATION:

RESULT:

APPEARANCE:

Colorless to pale yellow liquid

Colorless to pale yellow liquid

ODOR:

Herbaceous, Citrus-like

Herbaceous, Citrus-like

ASSAY:

90.0-100.0 %

95.9 %

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:

Test Type: Heavy Metals

Contaminant Name	Max. Allowed (ppm)	Test Result	Contaminant Name	Max. Allowed (ppm)	Test Result
Arsenic	0.2	PASSED	Cadmium	0.2	PASSED
Lead	0.5	PASSED	Mercury	0.1	PASSED

CERTIFICATE OF ANALYSIS



Test Type: Pesticide

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

CERTIFICATE OF ANALYSIS



Test Type: Residual Solvent

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



Christopher Diaz
Quality Control

Disclaimer: This Certificate of Analysis may contain results provided by contract laboratories external to True Terpenes. This document does not relieve the purchaser from conducting their own tests in order to verify the suitability of this product for its application and to comply with all relevant legal requirements for any goods into which this product is incorporated. Botanically derived and/or synthetic compounds found in this product may contain trace compounds which can potentially result in a slight variance between lots. True Terpenes certifies that this product is not derived from cannabis nor does it contain any cannabinoids or other cannabis-derived extracts.