

Received Date: 9/21/2020

Report Date: 9/29/2020



ABC TESTING, INC

Advanced Botanical Consulting & Testing Inc.

1169 Warner Ave, Tustin, CA 92780, Phone:(714)259-0384 Fax: (714)259-0385

Terra Firma

2640 Beaver Ruin Rd., Ste C
Norcross, GA 30071

ATTN:

TEL#

FAX#

Sample Name: Prevamune 90 caps

Item#

Lot# D446

Lab# 312924

PO#

Analysis:

Vitamin C (Ascorbic Acid) (HPLC)

Vitamin D (Cholecalciferol) (HPLC)

Elderberry powder (calculation)

Anthocyanins (HPLC)

Beta-1, 3/1,6 glucan (bioassay)

Average fill weight (based on 10)

Method:

SOP:3.1.111

SOP3.1.334

Calculation

ALC101A

Megazyme

Result:

564.23 mg/3 cap

14095.25 IU/3 cap

857.49mg/3 cap*

1.42 mg/3 cap

276.62mg/3 cap

648.46 mg/capsule

Spec:

500 mg/3 caps

10000 IU/3 caps

800 mg/3 capsule

250 mg/3 caps

*Converted based on raw material potency=0.1656% anthocyanins

Analyzed by:

Robert Lee

Chemist

Approved by:

Wendi Wang

Wendi Wang, PhD, President





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Terra Firma

2640 Beaver Ruin Rd., Ste C
Norcross, GA 30071

ATTN: Sam Hong

TEL# (800) 689-2809

FAX#

Sample Name: Prevamune

Item#

Lot# D446

Lab# 316504 (Previously Lab# 314093)

PO# Added tests

Analysis:

Total Plate Count

Method:

USP 2021

Result:

< 10 CFU/g

Spec:

N/A

Yeast

USP 2021

< 10 CFU/g

<=1,000 CFU/g

Mold

USP 2021

< 10 CFU/g

<=1,000 CFU/g

Enterobacteriaceae

USP 2021

< 3 MPN/G

N/A

E coli

USP 2022

NEGATIVE/10G

Absent

Salmonella spp

USP 2022

NEGATIVE/10G

Absent

Staphylococcus aureus

USP 2022

NEGATIVE/10G

Absent

Clostridium spp

USP 2022

NEGATIVE/10G

N/A

Zinc (Zn)

ICP/MS

5.008mg/cap, or

14 mg/3 capsules

15.024 mg/3 caps

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SampleName: Prevamune 90 caps

Item#

Lot# D446

Lab# 312924

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Summary: Sample meets USP 43<561> &European Pharmacopeial Pesticide Residue Limits for all Compounds. No Quintozene residues detected.

Compound Name:	Concentration (mg/Kg) Found in Sample	ABC Detection Limit (mg/kg)	USP Limit (ppm)
Acephate	None Detected	0.01	0.10
Alachlor	None Detected	0.01	0.05
Aldrin & Dieldrin	None Detected	0.01	0.05
Azinphos-ethyl	None Detected	0.01	0.10
Azinphos-methyl	None Detected	0.01	1.00
Bromine, inorganic	None Detected	50.00	50.00
Bromophos-ethyl	None Detected	0.01	0.05
Bromophos-methyl	None Detected	0.01	0.05
Bromopropylate	None Detected	0.01	3.00
Chlordane	None Detected	0.01	0.05
Chorfenvinphos	None Detected	0.01	0.50
Chlorpyrifos	None Detected	0.01	0.20
Chlorpyrifos-methyl	None Detected	0.01	0.10
Chlorthal dimethyl	None Detected	0.01	0.01
Cyfluthrin	None Detected	0.01	0.10
γ-Cyhalothrin	None Detected	0.01	1.00
Cypermethrin	None Detected	0.03	1.00
DDT'S (includes o,p'-DDT, p,p'-DDT, o,p'-DDE, p,p'-DDE, o,p'-DDD, p,p'-DDD)	None Detected	0.01	1.00
Deltamethrin	None Detected	0.05	0.50
Diazinon	None Detected	0.01	0.50
Dichlofluanid	None Detected	0.01	0.10
Dichlorvos	None Detected	0.01	1.00
Dicofol	None Detected	0.01	0.50
Dimethoate & Omethoate	None Detected	0.01	0.10
Dithiocarbamate (as CS ₂)	None Detected	0.01	2.00
Endosulfans (includes endosulfan I, II, sulfate)	None Detected	0.01	3.00
Endrin	None Detected	0.01	0.05
Ethion	None Detected	0.01	2.00
Etrimphos	None Detected	0.01	0.05
Fenchlorophos (sum of fenchlorophos and fenchlorophos-oxon)	None Detected	0.01	0.10
Fenitrothion	None Detected	0.01	0.10
Fenpropathrin	None Detected	0.01	0.03
Fensulfothion	None Detected	0.01	0.05
Fenthion	None Detected	0.01	0.05
Fenvalerate	None Detected	0.03	1.50
Flucytrinate	None Detected	0.01	0.05

Compound Name:

Compound Name:	Concentration (mg/Kg) Found in Sample	ABC Detection Limit (mg/kg)	USP Limit (ppm)
γ-Fluvalinate	None Detected	0.01	0.05
Fonofos	None Detected	0.01	0.05
Heptachlor	None Detected	0.01	0.05
Heptachlor Epoxide	None Detected	0.01	0.05
Hexachlorobenzene	None Detected	0.01	0.10
Hexachlorocyclohexane	None Detected	0.01	0.30
Lindane	None Detected	0.01	0.60
Malathion & Malaoxon	None Detected	0.01	1.00
Mecarban	None Detected	0.01	0.05
Methacriphos	None Detected	0.01	0.05
Methamidophos	None Detected	0.01	0.05
Methidathion	None Detected	0.01	0.20
Methoxychlor	None Detected	0.01	0.05
Mirex	None Detected	0.01	0.01
Monocrotophos	None Detected	0.01	0.10
Parathion-ethyl & Paraoxon-ethyl	None Detected	0.01	0.50
Parathion-methyl & Paraoxon-methyl	None Detected	0.01	0.20
Pendimethalin	None Detected	0.01	0.10
Pentachloranisol	None Detected	0.01	0.01
Permethrin	None Detected	0.05	1.00
Phosalone	None Detected	0.01	0.10
Phosmet	None Detected	0.01	0.05
Piperonyl butoxide	None Detected	0.01	3.00
Pirimiphos-ethyl	None Detected	0.01	0.05
Pirimiphos-methyl	None Detected	0.01	4.00
Procymidone	None Detected	0.01	0.10
Profenophos	None Detected	0.01	0.10
Prothiophos	None Detected	0.01	0.05
Pyrethrum	None Detected	0.10	3.00
Quinalphos	None Detected	0.01	0.05
Quintozene (PCNB) (includes a-BHC, b -BHC, d-BHC)	None Detected	0.01	1.00
S-421	None Detected	0.02	0.02
Tecnazene	None Detected	0.05	0.05
Tetradifon	None Detected	0.10	0.30
Vinclozolin	None Detected	0.10	0.40

Analyzed by:



Richard Li, Chemist

Approved by:



Wendi Wang, PhD, President

Cannabis Analytical
Science Program



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FAX#

Sample Name: Prevamune 90 caps

Item#

Lot# D446

Lab# 314093 (Previously Lab# 312924)

PO#

Analysis:

Arsenic (As)
Cadmium (Cd)
Mercury (Hg)
Lead (Pb)

Method:

ICP/MS
ICP/MS
ICP/MS
ICP/MS

Result:

0.008mcg/cap
0.002mcg/cap
0.003mcg/cap
0.063mcg/cap

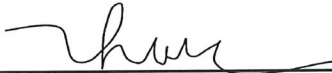
Spec:

Average fill weight (based on 10)

648.46 mg/capsule

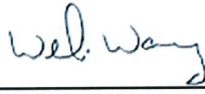
* profile not match the USP standard on elderberry powder, lot#F076M0, catalog# 1234340

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Chemist

Approved by:



Wendi Wang, PhD, President



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Science Program