



NYHO Labs LLC
 Address: 37 Huntington Street, Cortland, NY 13045
 Contact Name:
 Contact Phone:
 License #: OCM-PROC-24-000081
 Sample ID: 2412SMNY0414.1814



Phyto-Farma Labs
 a Smithers company

CERTIFICATE OF ANALYSIS

Permit #: OCM-CPL-00004

Certificate: 7707.2

LEVEL Boost Protab, Extra Strength THC Tablets

Lot #: NYPT241210d9bst Lot Size: 1050
 Sample ID: 2412SMNY0414.1814 Sample Type: Edible
 Regulatory Category: Adult Use Amount Received: 8
 Received: 12/17/2024 Sample Collected: 12/10/2024 10:56 AM
 Sampling Location: 37 Huntington Street Published: 12/18/2024
 Cortland New York 13045



COMPLIANCE FOR RETAIL

Cannabinoid Profile Pass	Terpenes Total Tested	Residual Solvents Pass	Pass Sample Status
Pesticides Pass	Mycotoxins Pass	Water Activity Pass	
Trace Metals Pass	Microbial Contaminants Pass	Moisture Analysis Not Tested	<LOQ Total CBD
	Filth & Foreign Not Tested		18.7 % Total Cannabinoids

Report Notes: Amended: Sample quantity included. Corrected reporting of cannabinoid results.

Alicia Caruso-Thomas
 Laboratory Director

12/18/2024
Alicia Caruso-Thomas

Phyto-Farma Labs
 49 John Hicks Drive
 Warwick, NY 10990
 (845) 202-9737



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Cannabinoid Profile

Tested

Sample Analysis

Date: 12/17/2024 09:45 PM
Analyzed By: HPLC
Analyst: Stephanie Knapp

SOP: NY.SOPT.40.260
Sample Weight: 0.1827 g

Analyte	LOQ (%)	Actual % (w/w)	mg/serving
Total Tetrahydrocannabinol (THC)	-	10.2	9.22
Tetrahydrocannabinolic acid (THCA)	0.500	<LOQ	<LOQ
Δ8-THC	0.500	<LOQ	<LOQ
Δ9-THC	0.500	10.2	9.22
Δ10-THC-RS	0.500	<LOQ	<LOQ
Δ10-THC-RR	0.500	<LOQ	<LOQ
Total Cannabidiol (CBD)	-	<LOQ	<LOQ
Cannabinadiolic acid (CBDA)	0.500	<LOQ	<LOQ
Cannabidiol (CBD)	0.500	<LOQ	<LOQ
Total Active Tetrahydrocannabivarin (THCV)	-	6.24	5.61
Tetrahydrocannabivarinic acid (THCVA)*	0.500	<LOQ	<LOQ
Tetrahydrocannabivarin (THCV)	0.500	6.24	5.61
Total Active Cannabigerol (CBG)	-	2.03	1.82
Cannabigerolic acid (CBGA)	0.500	<LOQ	<LOQ
Cannabigerol (CBG)	0.500	2.03	1.82
Cannabidivarin (CBDV)	0.500	<LOQ	<LOQ
Cannabinol (CBN)	0.500	0.194	0.175
Cannabichromene (CBC)	0.500	0.0136	0.0123

Cannabinoid Totals	Actual % (w/w)	mg/serving
Total Cannabinoids	18.7	16.8

* Analyte is not included in ISO 17025 scope of accreditation
 Total Active CBD = CBD + (0.877 x CBDA); Total Active CBG = CBG + (0.878 x CBGA);
 Total Active THC = (Δ9THC + Δ8THC + Δ10THC-RS + Δ10THC-RR) + (0.877 x THCA);
 Total Active THCV = THCV + (0.867 x THCVA);

Serving Weight: 0.09 g

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Average Cannabinoid Profile

Pass

Sample Analysis

Date: 12/17/2024 09:44 PM

SOP: NY.SOPT.40.260

Analyzed By: HPLC

Sample Weight: N/A

Analyst: Stephanie Knapp

Analyte	LOQ (%)	Average % (w/w)	mg/serving	Homogeneity [†]
Total Tetrahydrocannabinol (THC)	-	10.2	9.20	
Tetrahydrocannabinolic acid (THCA)	0.500	<LOQ	<LOQ	
Δ8-THC	0.500	<LOQ	<LOQ	
Δ9-THC	0.500	10.2	9.20	
Δ10-THC-RS	0.500	<LOQ	<LOQ	
Δ10-THC-RR	0.500	<LOQ	<LOQ	
Total Cannabidiol (CBD)	-	<LOQ	<LOQ	
Cannabinadiolic acid (CBDA)	0.500	<LOQ	<LOQ	
Cannabidiol (CBD)	0.500	<LOQ	<LOQ	
Total Active Tetrahydrocannabivarin (THCV)	-	6.22	5.60	
Tetrahydrocannabivarinic acid (THCVA)*	0.500	<LOQ	<LOQ	
Tetrahydrocannabivarin (THCV)	0.500	6.22	5.60	
Total Active Cannabigerol (CBG)	-	2.03	1.82	
Cannabigerolic acid (CBGA)	0.500	<LOQ	<LOQ	
Cannabigerol (CBG)	0.500	2.03	1.82	
Cannabidivarin (CBDV)	0.500	0.00830	0.00747	
Cannabinol (CBN)	0.500	0.193	0.174	
Cannabichromene (CBC)	0.500	0.0133	0.0120	

Cannabinoid Totals	Actual % (w/w)	mg/serving	Homogeneity [†]
Total Cannabinoids	18.7	16.8	

* Analyte is not included in ISO 17025 scope of accreditation
 † Concentration of individual samples must be ±25% of the mean concentration
 Total Active CBD = CBD + (0.877 x CBDA); Total Active CBG = CBG + (0.878 x CBGA);
 Total Active THC = (Δ9THC + Δ8THC + Δ10THC-RS + Δ10THC-RR) + (0.877 x THCA);
 Total Active THCV = THCV + (0.867 x THCVA);

Serving Weight: 0.09 g

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Terpene Total

Tested (0.03660%)

Sample Analysis

Date: 12/16/2024 07:44 PM

SOP: NY.SOPT.40.090

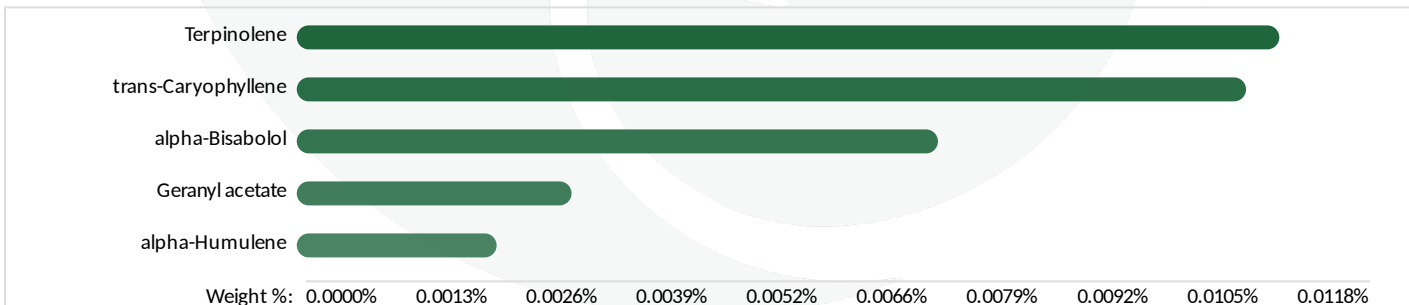
Sample Weight: 0.1947 g

Analyzed By: GC-MS

Analyst: Stephanie Knapp

Analyte	LOQ (%)	Results (%)	Analyte	LOQ (%)	Results (%)
3-Carene	0.0004200	<LOQ	gamma-Terpinene	0.0004400	<LOQ
alpha-Bisabolol	0.0005000	0.007700	gamma-Terpineol	0.0003000	<LOQ
alpha-Humulene	0.0005600	0.002400	Geraniol	0.0004800	<LOQ
alpha-Phellandrene	0.0006600	<LOQ	Geranyl acetate	0.0006200	0.003300
alpha-Pinene	0.0004800	<LOQ	Guaiol	0.0006000	<LOQ
alpha-Terpinene	0.0002600	<LOQ	Isoborneol	0.0003400	<LOQ
alpha-Terpineol	0.0003400	<LOQ	Isopulegol	0.0006600	<LOQ
beta-Myrcene	0.0006400	<LOQ	Limonene	0.0007400	<LOQ
beta-Pinene	0.0006600	<LOQ	Linalool	0.0004600	<LOQ
Borneol	0.0004600	<LOQ	Menthol	0.0004600	<LOQ
Camphene	0.0004400	<LOQ	Nerol	0.0005000	<LOQ
Camphor	0.0004000	<LOQ	Pulegone (+)	0.0005600	<LOQ
Caryophyllene oxide	0.0005800	<LOQ	Sabinene	0.0003400	<LOQ
Cedrene	0.0004400	<LOQ	Sabinene Hydrate	0.0004200	<LOQ
Cedrol	0.0005600	<LOQ	Terpinolene	0.0005000	0.01180
cis-Nerolidol	0.0006800	<LOQ	trans-b-Ocimene	0.0004200	<LOQ
cis-Ocimene	0.0005200	<LOQ	trans-Caryophyllene	0.0006600	0.01140
Eucalyptol	0.0007200	<LOQ	trans-Nerolidol	0.0007200	<LOQ
Farnesene	0.0008400	<LOQ	Valencene	0.0005600	<LOQ
Fenchone	0.0005000	<LOQ			

Terpene Totals	%	Pass/Fail
Total Terpenes	0.03660	N/A



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Trace Metals

Pass

Sample Analysis

Date: 12/17/2024 08:07 PM

SOP: NY.SOPT.40.050

Analyzed By: ICP-MS

Sample Weight: 0.1269 g

Analyst: Moni Kaneti

Analyte	LOQ (µg/g)	Action Limit (µg/g)	Results (µg/g)	Pass/Fail
Antimony (Sb)*	0.315	120	<LOQ	PASS
Arsenic (As)*	0.180	1.50	<LOQ	PASS
Cadmium (Cd)*	0.159	0.500	<LOQ	PASS
Chromium (Cr)*	0.891	1100	<LOQ	PASS
Copper (Cu)*	0.984	300	<LOQ	PASS
Lead (Pb)*	0.195	0.500	<LOQ	PASS
Mercury (Hg)*	0.0330	3.00	<LOQ	PASS
Nickel (Ni)*	0.273	20.0	<LOQ	PASS

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Mycotoxin Analysis

Pass

Sample Analysis

Date: 12/16/2024 06:08 PM

SOP: NY.SOPT.40.180

Analyzed By: LC-MS/MS

Sample Weight: 0.1 g

Analyst: Stephanie Knapp

Analyte	LOQ (µg/g)	Action Limit (µg/g)	Results (µg/g)	Pass/Fail
Sum of Aflatoxins	-	0.020	0	PASS
Aflatoxin B1	0.0010	0.020	<LOQ	PASS
Aflatoxin B2	0.0020	0.020	<LOQ	PASS
Aflatoxin G1	0.0010	0.020	<LOQ	PASS
Aflatoxin G2	0.0020	0.020	<LOQ	PASS
Ochratoxin A	0.0020	0.020	<LOQ	PASS

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Certificate: 7707.2

Pesticides LC

Pass

Sample Analysis

Date: 12/16/2024 07:37 PM

SOP: NY.SOPT.040.270

Analyzed By: LC-MS/MS

Sample Weight: 1 g

Analyst: Stephanie Knapp

Analyte	LOQ (ppm)	Action Limit (ppm)	Results (ppm)	Pass/Fail	Analyte	LOQ (ppm)	Action Limit (ppm)	Results (ppm)	Pass/Fail
Abamectin*	0.0180	0.500	<LOQ	PASS	Imidacloprid*	0.00800	0.400	<LOQ	PASS
Acephate*	0.00700	0.400	<LOQ	PASS	Indole-3-butyric acid*	0.00700	1.00	<LOQ	PASS
Acequinocyl*	0.0160	2.00	<LOQ	PASS	Kresoxim methyl*	0.0120	0.400	<LOQ	PASS
Acetamiprid*	0.00500	0.200	<LOQ	PASS	Malathion*	0.0110	0.200	<LOQ	PASS
Aldicarb*	0.00500	0.400	<LOQ	PASS	Metalaxyl*	0.0120	0.200	<LOQ	PASS
Azadirachtin*	0.0220	1.00	<LOQ	PASS	Methiocarb*	0.00400	0.200	<LOQ	PASS
Azoxystrobin*	0.00600	0.200	<LOQ	PASS	Methomyl*	0.0120	0.400	<LOQ	PASS
Bifenazate*	0.00600	0.200	<LOQ	PASS	Mevinphos*	0.0190	1.00	<LOQ	PASS
Bifenthrin*	0.00300	0.200	<LOQ	PASS	MGK-264*	0.0110	0.200	<LOQ	PASS
Boscalid*	0.0110	0.400	<LOQ	PASS	Myclobutanil*	0.0130	0.200	<LOQ	PASS
Carbaryl*	0.00600	0.200	<LOQ	PASS	Naled*	0.00500	0.500	<LOQ	PASS
Carbofuran*	0.00500	0.200	<LOQ	PASS	Oxamyl*	0.00800	1.00	<LOQ	PASS
Chlorantraniliprole*	0.00600	0.200	<LOQ	PASS	Paclobutrazol*	0.0150	0.400	<LOQ	PASS
Chloromequat chloride*	0.0190	1.00	<LOQ	PASS	Permethrins, Total*	0.00900	0.200	<LOQ	PASS
Chlorpyrifos*	0.00900	0.200	<LOQ	PASS	Phosmet*	0.00700	0.200	<LOQ	PASS
Clofentezine*	0.0100	0.200	<LOQ	PASS	Piperonyl Butoxide*	0.00600	2.00	<LOQ	PASS
Daminozide*	0.00400	1.00	<LOQ	PASS	Prallethrin*	0.00800	0.200	<LOQ	PASS
Diazinon*	0.00700	0.200	<LOQ	PASS	Propiconazole*	0.00600	0.400	<LOQ	PASS
Dichlorvos*	0.0120	1.00	<LOQ	PASS	Propoxur*	0.00800	0.200	<LOQ	PASS
Dimethoate*	0.00600	0.200	<LOQ	PASS	Pyrethrins*	0.0140	1.00	<LOQ	PASS
Dimethomorph*	0.00500	1.00	<LOQ	PASS	Pyridaben*	0.00600	0.200	<LOQ	PASS
Ethoprophos*	0.0130	0.200	<LOQ	PASS	Spinetoram, Total*	0.00500	1.00	<LOQ	PASS
Etofenprox*	0.00300	0.400	<LOQ	PASS	Spinosad, Total*	0.00600	0.200	<LOQ	PASS
Etoxazole*	0.00500	0.200	<LOQ	PASS	Spiromesifen*	0.0130	0.200	<LOQ	PASS
Fenhexamid*	0.0150	1.00	<LOQ	PASS	Spirotetramat*	0.00600	0.200	<LOQ	PASS
Fenoxycarb*	0.0110	0.200	<LOQ	PASS	Spiroxamine*	0.00400	0.200	<LOQ	PASS
Fenpyroximate*	0.00200	0.400	<LOQ	PASS	Tebuconazole*	0.0120	0.400	<LOQ	PASS
Fonicamid*	0.00700	1.00	<LOQ	PASS	Thiacloprid*	0.00800	0.200	<LOQ	PASS
Fludioxonil*	0.0170	0.400	<LOQ	PASS	Thiamethoxam*	0.00800	0.200	<LOQ	PASS
Hexythiazox*	0.00500	1.00	<LOQ	PASS					

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CERTIFICATE OF ANALYSIS

Permit #: OCM-CPL-00004

Certificate: 7707.2

Pesticides GC

Pass

Sample Analysis

Date: 12/16/2024 07:52 PM

SOP: NYS.SOPT.040.271

Analyzed By: GC-MS/MS

Sample Weight: N/A

Analyst: Stephanie Knapp

Analyte	LOQ (ppm)	Action Limit (ppm)	Results (ppm)	Pass/Fail
Captan*	0.300	1.00	<LOQ	PASS
Chlordane*	0.0700	1.00	<LOQ	PASS
Chlorfenapyr*	0.100	1.00	<LOQ	PASS
Coumaphos*	0.190	1.00	<LOQ	PASS
Cyfluthrin*	0.110	1.00	<LOQ	PASS
Cypermethrin*	0.240	1.00	<LOQ	PASS
Fipronil*	0.170	0.400	<LOQ	PASS
Imazalil*	0.170	0.200	<LOQ	PASS
Methyl parathion*	0.0900	0.200	<LOQ	PASS
Pentachloronitrobenzene*	0.170	1.00	<LOQ	PASS
Trifloxystrobin*	0.110	0.200	<LOQ	PASS

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Alicia Caruso-Thomas

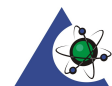
12/18/2024

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Accreditation #: 121747

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Certificate: 7707.2

Residual Solvents

Pass

Sample Analysis

Date: 12/16/2024 07:54 PM

SOP: NYS.SOPT.040.272

Analyzed By: GC-MS

Sample Weight: 0.0953 g

Analyst: Stephanie Knapp

Analyte	LOQ (ppm)	Action Limit (ppm)	Results (ppm)	Pass/Fail
1,2-Dichloroethane (Ethylene dichloride, Ethylene chloride)	0.100	5.00	<LOQ	PASS
2-Propanol (Isopropanol, Isopropyl alcohol)	125	5000	<LOQ	PASS
Acetone (2-Propanone)	125	5000	<LOQ	PASS
Acetonitrile	23.6	410	<LOQ	PASS
Benzene	0.100	2.00	<LOQ	PASS
Butanes, Total	62.5	5000	<LOQ	PASS
Chloroform	1.50	60.0	<LOQ	PASS
Dichloromethane (Methylene chloride)	15.0	600	<LOQ	PASS
Dimethyl sulfoxide (DMSO)	125	5000	<LOQ	PASS
Ethanol (Ethyl alcohol)	125	5000	<LOQ	PASS
Ethyl acetate (Acetic acid ethyl ester)	125	5000	<LOQ	PASS
Ethyl ether (Diethyl ether, 1,1'-Oxybisethane)	125	5000	<LOQ	PASS
Heptane (n-Heptane)	125	5000	<LOQ	PASS
Hexanes, Total	14.5	290	<LOQ	PASS
Methanol (Methyl alcohol)	75.1	3000	<LOQ	PASS
Pentanes, Total	195	5000	<LOQ	PASS
Propane	63.0	5000	<LOQ	PASS
Toluene (Methylbenzene)	22.3	890	<LOQ	PASS
Trichloroethane (1,1,1-)	37.6	1500	<LOQ	PASS
Tetrafluoroethane (1,1,1,2-) (HFC134a)*	10.0	1000	<LOQ	PASS
Xylenes, Total (ortho-, meta-, para-)	109	2170	<LOQ	PASS

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NYHO Labs LLC
 Address: 37 Huntington Street, Cortland, NY 13045
 Contact Name:
 Contact Phone:
 License #: OCM-PROC-24-000081
 Sample ID: 2412SMNY0414.1814



Phyto-Farma Labs
 a Smithers company

CERTIFICATE OF ANALYSIS

Permit #: OCM-CPL-00004

Certificate: 7707.2

Microbial Impurities - MDG

Pass

Sample Analysis

Date: 12/17/2024 10:04 AM

SOP: NYS.SOPT.40.273

Analyzed By: PCR

Analyst: Kristy Lee

Analyte	Microbial Type	LOQ (CFU/g)	Allowable Limit	Results	Pass/Fail
Shiga toxin-producing Escherichia coli	Bacterial	1	Not Detected	Not Detected	PASS
Salmonella species	Bacterial	1	Not Detected	Not Detected	PASS
Aspergillus flavus	Fungal	1	Not Detected	Not Detected	PASS
Aspergillus niger	Fungal	1	Not Detected	Not Detected	PASS
Aspergillus terreus	Fungal	1	Not Detected	Not Detected	PASS
Aspergillus fumigatus	Fungal	1	Not Detected	Not Detected	PASS

Alicia Caruso-Thomas

12/18/2024

Alicia Caruso-Thomas

Laboratory Director

Phyto-Farma Labs

49 John Hicks Drive
 Warwick, NY 10990
 (845) 202-9737



Accreditation #: 121747

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NYHO Labs LLC
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 Contact Name:
 Contact Phone:
 License #: OCM-PROC-24-000081
 Sample ID: 2412SMNY0414.1814

Certificate: 7707.2

Microbial Impurities - TAPC

Pass

Sample Analysis

Date: 12/16/2024 10:44 AM **SOP:** NYS.SOPT.040.200
Analyzed By: Plating
Analyst: Kristy Lee

Analyte	LOQ (CFU/g)	Action Limit (CFU/g)	Results (CFU/g)	Pass/Fail
Total Aerobic Bacteria/CDP-TC	5	10000	<LOQ	PASS

Microbial Impurities - TYMC

Pass

Sample Analysis

Date: 12/16/2024 04:45 PM **SOP:** NYS.SOPT.040.200
Analyzed By: Plating
Analyst: Kristy Lee

Analyte	LOQ (CFU/g)	Action Limit (CFU/g)	Results (CFU/g)	Pass/Fail
Total Yeast and Mold	5	1000	<LOQ	PASS
Mold Count	5	1000	<LOQ	PASS
Yeast Count	5	1000	<LOQ	PASS

Water Activity

Pass

Sample Analysis

Date: 12/13/2024 10:09 AM **SOP:** NY.SOPT.040.210
Analyzed By: Water Activity Meter
Analyst: Moni Kaneti

Analyte	LOQ (Aw)	Action Limit (Aw)	Results (Aw)	Pass/Fail
Water Activity	0.25	0.85	0.30	PASS

Alicia Caruso-Thomas
 Laboratory Director

12/18/2024
Alicia Caruso-Thomas

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