

Liberty Leaf

Address: 399 Smith St Farmingdale, NY 11735

Contact Name: Contact Phone:

License #: OCM-PROC-24-000176 Sample ID: 2508SMNY0639.3192 SMITHERS

CERTIFICATE OF ANALYSIS

Permit #: OCM-CPL-00004

Turn - AIO - 1.0g - Distillate - Lemonade Stand

Lot #: TU-BB-AIO-1G-LS-082725

Sample ID: 2508SMNY0639.3192 Regulatory Category: Adult Use

Received: 08/29/2025

Sampling Location: 399 Smith St

Farmingdale, NY 11735

Lot Size: 500

Sample Type: Concentrate

Amount Received: 2

Sample Collected: 08/29/2025 11:38 AM

Published: 09/07/2025



COMPLIANCE FOR RETAIL

Cannabinoid Profile

Pass

Terpenes Total

Pass

Residual Solvents

Pass

Pesticides

Pass

Mycotoxins

Pass

Water Activity

Not Tested

Trace Metals

Pass

Microbial Contaminants

Pass

Moisture Analysis

Not Tested

Filth & Foreign

Not Tested

Pass Sample Status

81.9% Total THC

0.211%

Total CBD

86.7 % Total Cannabinoids

Report Notes: N/A

Kristofer Marsh, Ph.D.

State Director

09/07/2025 (ris Marsh







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CERTIFICATE OF ANALYSIS

Permit #: OCM-CPL-00004

Average Cannabinoid Profile

Pass

Sample Analysis

Date: 09/07/2025 08:43 PM

Analyzed By: HPLC

Sample Weight: N/A

SOP: NY.SOP.T.40.260

Analyst: Stephanie Knapp

Analyte	100/%	A		
, , , , , , , , , , , , , , , , , , ,	LOQ (%)	Average % (w/w)	mg/serving	Homogeneity [†]
Total Tetrahydrocannabinol (THC)	-	81.9	819	
Tetrahydrocannabinolic acid (THCA)	0.0500	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Δ8-THC	0.0500	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Δ9-THC	0.0500	81.9	819	
Δ10-THC-RS	0.0500	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Δ10-THC-RR	0.0500	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
otal Cannabidiol (CBD)	- //	0.211	2.11	
Cannabinadiolic acid (CBDA)	0.0500	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Cannabidiol (CBD)	0.0500	0.211	2.11	
otal Active Tetrahydrocannabivarin (THCV)	-	0.539	5.39	
Tetrahydrocannabivarinic acid (THCVA)	0.0500	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Tetrahydrocannabivarin (THCV)	0.0500	0.539	5.39	
otal Active Cannabigerol (CBG)	-	3.27	32.7	
Cannabigerolic acid (CBGA)	0.0500	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Cannabigerol (CBG)	0.0500	3.27	32.7	
Cannabidivarin (CBDV)	0.0500	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Cannabinol (CBN)	0.0500	0.559	5.59	
Cannabichromene (CBC)	0.0500	0.186	1.86	

Cannabinoid Totals	Actual % (w/w)	mg/serving	Homogeneity [†]
Total Cannabinoids	86.7	867	

† 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 CBD = CBD + $(0.87/ \times CBDA)$; Total Active CBG = CBG + $(0.878 \times CBGA)$; Total Active THC = $(\Delta 97HC + \Delta 87HC + \Delta 107HC - RS + \Delta 107HC - RR) + (0.877 \times THCA)$; Total Active THCV = THCV + $(0.867 \times THCVA)$;

Serving Weight: 1 g

State Director

Kristofer Marsh, Ph.D.

09/07/2025 (ris Mars)







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CERTIFICATE OF ANALYSIS

Permit #: OCM-CPL-00004

Terpene Total

Pass (3.466%)

Sample Analysis

Date: 09/05/2025 12:37 PM **Sample Weight:** 0.2455 g

Analyst: Stephanie Knapp

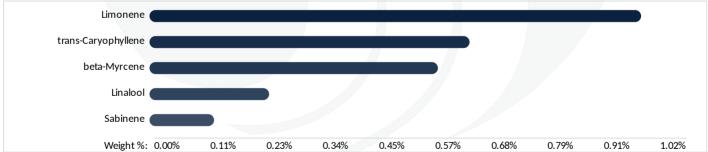
SOP: NY.SOP.T.40.090

Analyzed By: GC-MS

Analyte	LOQ (%)	Results (%)
3-Carene	0.0004200	0.005500
alpha-Bisabolol	0.0005000	0.1162
alpha-Humulene	0.0005600	0.008300
alpha-Phellandrene	0.0006600	0.03140
alpha-Pinene	0.0004800	0.09010
alpha-Terpinene	0.0002600	<loq< td=""></loq<>
alpha-Terpineol	0.0003400	0.08790
beta-Myrcene	0.0006400	0.5996
beta-Pinene	0.0006600	0.1343
Borneol	0.0004600	<loq< td=""></loq<>
Camphene	0.0004400	0.02310
Camphor	0.0004000	0.01000
Caryophyllene oxide	0.0005800	0.02910
Cedrene	0.0004400	0.006000
Cedrol	0.0005600	<loq< td=""></loq<>
cis-Nerolidol	0.0006800	<loq< td=""></loq<>
cis-Ocimene	0.0005200	<loq< td=""></loq<>
Eucalyptol	0.0007200	<loq< td=""></loq<>
Farnesene	0.0008400	0.05810
Fenchone	0.0005000	<loq< td=""></loq<>

Analyte	LOQ (%)	Results (%)
gamma-Terpinene	0.0004400	<loq< td=""></loq<>
gamma-Terpineol	0.0003000	0.01500
Geraniol	0.0004800	0.02550
Geranyl acetate	0.0006200	0.04580
Guaiol	0.006000	<loq< td=""></loq<>
Isoborneol	0.0003400	<loq< td=""></loq<>
Isopulegol	0.0006600	<loq< td=""></loq<>
Limonene	0.0007400	1.022
Linalool	0.0004600	0.2487
Menthol	0.0004600	<loq< td=""></loq<>
Nerol	0.0005000	<loq< td=""></loq<>
Pulegone (+)	0.0005600	<loq< td=""></loq<>
Sabinene	0.0003400	0.1343
Sabinene Hydrate	0.0004200	<loq< td=""></loq<>
Terpinolene	0.0005000	0.02610
trans-b-Ocimene	0.0004200	<loq< td=""></loq<>
trans-Caryophyllene	0.0006600	0.6654
trans-Nerolidol	0.0007200	<loq< td=""></loq<>
Valencene	0.0005600	<loq< td=""></loq<>

Terpene Totals	%	Pass/Fail
Total Terpenes	3.466	PASS
Limonene		



Kristofer Marsh, Ph.D.

State Director

09/07/2025 (ris) larsh Smithers CTS New York LLC 49 John Hicks Drive Warwick, NY 10990 (845) 202-9737





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CERTIFICATE OF ANALYSIS

Permit #: OCM-CPL-00004

Trace Metals

Pass

Sample Analysis

Date: 09/05/2025 11:53 AM

Analyzed By: ICP-MS

Analyst: Moni Kaneti

SOP: NY.SOP.T.40.050

Sample Weight: 0.1397 g

Analyte	LOQ (μg/g)	Action Limit (μg/g)	Results (μg/g)	Pass/Fail
Antimony (Sb)	0.00200	2.00	<loq< td=""><td>PASS</td></loq<>	PASS
Arsenic (As)	0.00200	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Cadmium (Cd)	0.00200	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Chromium (Cr)	0.00200	110	0.0100	PASS
Copper (Cu)	0.00200	30.0	0.109	PASS
Lead (Pb)	0.00200	0.500	0.00500	PASS
Mercury (Hg)	0.00200	0.100	<loq< td=""><td>PASS</td></loq<>	PASS
Nickel (Ni)	0.00200	2.00	0.0150	PASS

Mycotoxin Analysis

Pass

Sample Analysis

Date: 09/05/2025 12:45 PM

Analyzed By: LC-MS/MS

Analyst: Destiny Ribadeneyra

SOP: NY.SOP.T.40.180

Sample Weight: N/A

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

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CERTIFICATE OF ANALYSIS

Permit #: OCM-CPL-00004

Pesticides LC

Pass

Sample Analysis

Date: 09/05/2025 02:37 PM

Analyzed By: LC-MS/MS

Analyst: Destiny Ribadeneyra

SOP: NY.SOP.T.040.270

Sample Weight: 1.0476 g

Abamectin 0.0180 0.500 < LOQ	(ppm) Pass/F	Results (ppm)	Action Limit (ppm)	LOQ (ppm)	Analyte	Pass/Fail	Results (ppm)	Action Limit (ppm)	LOQ (ppm)	Analyte
Acequinocyl 0.0160 2.00 <lqq< th=""> PASS Kresoxim methyl 0.0120 0.400 <lqq< th=""> Acetamiprid 0.00500 0.200 <lqq< td=""> PASS Malathion 0.0110 0.200 <lqq< td=""> Aldicarb 0.00500 0.400 <lqq< td=""> PASS Methicarb 0.00400 0.200 <lqq< td=""> Azadirachtin 0.0220 1.00 <lqq< td=""> PASS Methiocarb 0.00400 0.200 <lqq< td=""> Azoxystrobin 0.00600 0.200 <lqq< td=""> PASS Methonryl 0.0120 0.00 <lqq< td=""> Bifenatzate 0.00600 0.200 <lqq< td=""> PASS Methonryl 0.0120 0.00 <lqq< td=""> Biscalid 0.00110 0.00300 0.200 <lqq< td=""> PASS Myclobutanil 0.0110 0.200 <lqq< td=""> Carbaryl 0.00600 0.200 <lqq< td=""> PASS Naled 0.00300 0.500 <lqq< td=""> Carboruran 0.00500 0.200 <lqq< td=""> PASS</lqq<></lqq<></lqq<></lqq<></lqq<></lqq<></lqq<></lqq<></lqq<></lqq<></lqq<></lqq<></lqq<></lqq<></lqq<></lqq<></lqq<>	Q PASS	<loq< td=""><td>0.400</td><td>0.00800</td><td>Imidacloprid</td><td>PASS</td><td><loq< td=""><td>0.500</td><td>0.0180</td><td>Abamectin</td></loq<></td></loq<>	0.400	0.00800	Imidacloprid	PASS	<loq< td=""><td>0.500</td><td>0.0180</td><td>Abamectin</td></loq<>	0.500	0.0180	Abamectin
Acetamiprid 0.00500 0.200 <loq< th=""> PASS Malathion 0.0110 0.200 <loq< th=""> Aldicarb 0.00500 0.400 <loq< td=""> PASS Metalaxyl 0.0120 0.200 <loq< td=""> Azadirachtin 0.0220 1.00 <loq< td=""> PASS Methorarb 0.00400 0.200 <loq< td=""> Azoxystrobin 0.00600 0.200 <loq< td=""> PASS Methomyl 0.0120 0.400 <loq< td=""> Bifenazate 0.00600 0.200 <loq< td=""> PASS Mevinphos 0.0110 0.200 <loq< td=""> Boscalid 0.0110 0.400 <loq< td=""> PASS Myclobutaril 0.0130 0.200 <loq< td=""> Carborura 0.00600 0.200 <loq< td=""> PASS Naled 0.00500 0.500 <loq< td=""> Chlorantraniliprole 0.00600 0.200 <loq< td=""> PASS Oxarmyl 0.00800 1.00 <loq< td=""> Chloraptrarificol 0.00900 0.200 <loq< td=""> PASS Permethrins,</loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<>	Q PASS	<loq< td=""><td>1.00</td><td>0.00700</td><td>Indole-3-butyric acid</td><td>PASS</td><td><loq< td=""><td>0.400</td><td>0.00700</td><td>Acephate</td></loq<></td></loq<>	1.00	0.00700	Indole-3-butyric acid	PASS	<loq< td=""><td>0.400</td><td>0.00700</td><td>Acephate</td></loq<>	0.400	0.00700	Acephate
Aldicarb 0.00500 0.400 < LOQ PASS Metalaxyl 0.0120 0.200 < LOQ Azadirachtin 0.0220 1.00 < LOQ	Q PASS	<loq< td=""><td>0.400</td><td>0.0120</td><td>Kresoxim methyl</td><td>PASS</td><td><loq< td=""><td>2.00</td><td>0.0160</td><td>Acequinocyl</td></loq<></td></loq<>	0.400	0.0120	Kresoxim methyl	PASS	<loq< td=""><td>2.00</td><td>0.0160</td><td>Acequinocyl</td></loq<>	2.00	0.0160	Acequinocyl
Azadirachtin 0.0220 1.00 < LOQ PASS Methiocarb 0.00400 0.200 < LOQ Azoxystrobin 0.00600 0.200 < LOQ	Q PASS	<loq< td=""><td>0.200</td><td>0.0110</td><td>Malathion</td><td>PASS</td><td><loq< td=""><td>0.200</td><td>0.00500</td><td>Acetamiprid</td></loq<></td></loq<>	0.200	0.0110	Malathion	PASS	<loq< td=""><td>0.200</td><td>0.00500</td><td>Acetamiprid</td></loq<>	0.200	0.00500	Acetamiprid
Azoxystrobin 0.06600 0.200 <loq< th=""> PASS Methomyl 0.0120 0.400 <loq< th=""> Bifenazate 0.00600 0.200 <loq< td=""> PASS Mevinphos 0.0190 1.00 <loq< td=""> Bifenthrin 0.00300 0.200 <loq< td=""> PASS MgC-264 0.0110 0.200 <loq< td=""> Boscalid 0.0110 0.400 <loq< td=""> PASS Myclobutanil 0.0130 0.200 <loq< td=""> Carbaryl 0.00600 0.200 <loq< td=""> PASS Naled 0.00500 0.500 <loq< td=""> Chlorantraniliprole 0.00600 0.200 <loq< td=""> PASS Paclobutrazol 0.0150 0.400 <loq< td=""> Chlorantraniliprole 0.00600 0.200 <loq< td=""> PASS Permethrins, Total 0.00900 0.200 <loq< td=""> Chlorantraniliprole 0.00600 0.200 <loq< td=""> PASS Permethrins, Total 0.00700 0.200 <loq< td=""> Chlorantraniliprole 0.00600 0.200 <loq< td=""></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<>	Q PASS	<loq< td=""><td>0.200</td><td>0.0120</td><td>Metalaxyl</td><td>PASS</td><td><loq< td=""><td>0.400</td><td>0.00500</td><td>Aldicarb</td></loq<></td></loq<>	0.200	0.0120	Metalaxyl	PASS	<loq< td=""><td>0.400</td><td>0.00500</td><td>Aldicarb</td></loq<>	0.400	0.00500	Aldicarb
Bifenazate 0.00600 0.200 <1.0Q PASS Mevinphos 0.0190 1.00 <1.0Q Company Co	Q PASS	<loq< td=""><td>0.200</td><td>0.00400</td><td>Methiocarb</td><td>PASS</td><td><loq< td=""><td>1.00</td><td>0.0220</td><td>Azadirachtin</td></loq<></td></loq<>	0.200	0.00400	Methiocarb	PASS	<loq< td=""><td>1.00</td><td>0.0220</td><td>Azadirachtin</td></loq<>	1.00	0.0220	Azadirachtin
Bifenthrin 0.00300 0.200 < ClQ PASS MGK-264 0.0110 0.200 < ClQ Elog E	Q PASS	<loq< td=""><td>0.400</td><td>0.0120</td><td>Methomyl</td><td>PASS</td><td><loq< td=""><td>0.200</td><td>0.00600</td><td>Azoxystrobin</td></loq<></td></loq<>	0.400	0.0120	Methomyl	PASS	<loq< td=""><td>0.200</td><td>0.00600</td><td>Azoxystrobin</td></loq<>	0.200	0.00600	Azoxystrobin
Boscalid 0.0110	Q PASS	<loq< td=""><td>1.00</td><td>0.0190</td><td>Mevinphos</td><td>PASS</td><td><loq< td=""><td>0.200</td><td>0.00600</td><td>Bifenazate</td></loq<></td></loq<>	1.00	0.0190	Mevinphos	PASS	<loq< td=""><td>0.200</td><td>0.00600</td><td>Bifenazate</td></loq<>	0.200	0.00600	Bifenazate
Carbaryl 0.00600 0.200 < LOQ PASS Naled 0.00500 0.500 < LOQ Carbofuran 0.00500 0.200 < LOQ	Q PASS	<loq< td=""><td>0.200</td><td>0.0110</td><td>MGK-264</td><td>PASS</td><td><loq< td=""><td>0.200</td><td>0.00300</td><td>Bifenthrin</td></loq<></td></loq<>	0.200	0.0110	MGK-264	PASS	<loq< td=""><td>0.200</td><td>0.00300</td><td>Bifenthrin</td></loq<>	0.200	0.00300	Bifenthrin
Carbofuran 0.00500 0.200 <loq< th=""> PASS Oxamyl 0.00800 1.00 <loq< th=""> Chlorantraniliprole 0.00600 0.200 <loq< td=""> PASS Paclobutrazol 0.0150 0.400 <loq< td=""> Chloryprifos 0.0190 1.00 <loq< td=""> PASS Phosmet 0.00700 0.200 <loq< td=""> Clofentezine 0.0100 0.200 <loq< td=""> PASS Piperonyl Butoxide 0.00600 2.00 <loq< td=""> Daminozide 0.00400 1.00 <loq< td=""> PASS Prallethrin 0.00800 0.200 <loq< td=""> Diazinon 0.00700 0.200 <loq< td=""> PASS Propiconazole 0.00600 0.400 <loq< td=""> Dichlorvos 0.0120 1.00 <loq< td=""> PASS Propoxur 0.00800 0.200 <loq< td=""> Dimethoate 0.00600 0.200 <loq< td=""> PASS Pyrethrins 0.0140 1.00 <loq< td=""> Dimethomorph 0.00500 1.00 <loq< td=""> PASS</loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<>	Q PASS	<loq< td=""><td>0.200</td><td>0.0130</td><td>Myclobutanil</td><td>PASS</td><td><loq< td=""><td>0.400</td><td>0.0110</td><td>Boscalid</td></loq<></td></loq<>	0.200	0.0130	Myclobutanil	PASS	<loq< td=""><td>0.400</td><td>0.0110</td><td>Boscalid</td></loq<>	0.400	0.0110	Boscalid
Chlorantraniliprole 0.00600 0.200 <loq< th=""> PASS Paclobutrazol 0.0150 0.400 <loq< th=""> Chlormequat chloride 0.0190 1.00 <loq< td=""> PASS Permethrins, Total 0.00900 0.200 <loq< td=""> Chlorpyrifos 0.00900 0.200 <loq< td=""> PASS Phosmet 0.00700 0.200 <loq< td=""> Clofentezine 0.0100 0.200 <loq< td=""> PASS Piperonyl Butoxide 0.00600 2.00 <loq< td=""> Daminozide 0.00400 1.00 <loq< td=""> PASS Prallethrin 0.00800 0.200 <loq< td=""> Diazinon 0.00700 0.200 <loq< td=""> PASS Propiconazole 0.00600 0.400 <loq< td=""> Dichlorvos 0.0120 1.00 <loq< td=""> PASS Propiconazole 0.00600 0.400 <loq< td=""> Dimethoate 0.00600 0.200 <loq< td=""> PASS Propiconazole 0.00800 0.200 <loq< td=""> Ethoprophos 0.0130 0.200 <loq< td=""></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<>	Q PASS	<loq< td=""><td>0.500</td><td>0.00500</td><td>Naled</td><td>PASS</td><td><loq< td=""><td>0.200</td><td>0.00600</td><td>Carbaryl</td></loq<></td></loq<>	0.500	0.00500	Naled	PASS	<loq< td=""><td>0.200</td><td>0.00600</td><td>Carbaryl</td></loq<>	0.200	0.00600	Carbaryl
Chlormequat chloride 0.0190 1.00 <loq< th=""> PASS Permethrins, Total 0.00900 0.200 <loq< th=""> Chlorpyrifos 0.00900 0.200 <loq< td=""> PASS Phosmet 0.00700 0.200 <loq< td=""> Clofentezine 0.0100 0.200 <loq< td=""> PASS Piperonyl Butoxide 0.00600 2.00 <loq< td=""> Daminozide 0.00400 1.00 <loq< td=""> PASS Prallethrin 0.00800 0.200 <loq< td=""> Diazinon 0.00700 0.200 <loq< td=""> PASS Propiconazole 0.00600 0.400 <loq< td=""> Dichlorvos 0.0120 1.00 <loq< td=""> PASS Propoxur 0.00800 0.200 <loq< td=""> Dimethoate 0.00600 0.200 <loq< td=""> PASS Pyrethrins 0.0140 1.00 <loq< td=""> Dimethomorph 0.00500 1.00 <loq< td=""> PASS Spinetoram, Total 0.00600 0.200 <loq< td=""> Etofenprox 0.00300 0.400 <loq< td=""> PAS</loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<>	Q PASS	<loq< td=""><td>1.00</td><td>0.00800</td><td>Oxamyl</td><td>PASS</td><td><loq< td=""><td>0.200</td><td>0.00500</td><td>Carbofuran</td></loq<></td></loq<>	1.00	0.00800	Oxamyl	PASS	<loq< td=""><td>0.200</td><td>0.00500</td><td>Carbofuran</td></loq<>	0.200	0.00500	Carbofuran
Chlorpyrifos 0.00900 0.200 <loq< th=""> PASS Phosmet 0.00700 0.200 <loq< th=""> Clofentezine 0.0100 0.200 <loq< td=""> PASS Piperonyl Butoxide 0.00600 2.00 <loq< td=""> Daminozide 0.00400 1.00 <loq< td=""> PASS Prallethrin 0.00800 0.200 <loq< td=""> Diazinon 0.00700 0.200 <loq< td=""> PASS Propiconazole 0.00600 0.400 <loq< td=""> Dichlorvos 0.0120 1.00 <loq< td=""> PASS Propoxur 0.00800 0.200 <loq< td=""> Dimethoate 0.00600 0.200 <loq< td=""> PASS Pyrethrins 0.0140 1.00 <loq< td=""> Dimethomorph 0.00500 1.00 <loq< td=""> PASS Pyridaben 0.00600 0.200 <loq< td=""> Ethoprophos 0.0130 0.200 <loq< td=""> PASS Spinotetram, Total 0.00500 1.00 <loq< td=""> Etoxazole 0.00500 0.200 <loq< td=""> PASS <td< td=""><td>Q PASS</td><td><loq< td=""><td>0.400</td><td>0.0150</td><td>Paclobutrazol</td><td>PASS</td><td><loq< td=""><td>0.200</td><td>0.00600</td><td>Chlorantraniliprole</td></loq<></td></loq<></td></td<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<>	Q PASS	<loq< td=""><td>0.400</td><td>0.0150</td><td>Paclobutrazol</td><td>PASS</td><td><loq< td=""><td>0.200</td><td>0.00600</td><td>Chlorantraniliprole</td></loq<></td></loq<>	0.400	0.0150	Paclobutrazol	PASS	<loq< td=""><td>0.200</td><td>0.00600</td><td>Chlorantraniliprole</td></loq<>	0.200	0.00600	Chlorantraniliprole
Clofentezine 0.0100 0.200 <loq< th=""> PASS Piperonyl Butoxide 0.00600 2.00 <loq< th=""> Daminozide 0.00400 1.00 <loq< td=""> PASS Prallethrin 0.00800 0.200 <loq< td=""> Diazinon 0.00700 0.200 <loq< td=""> PASS Propiconazole 0.00600 0.400 <loq< td=""> Dichlorvos 0.0120 1.00 <loq< td=""> PASS Propoxur 0.00800 0.200 <loq< td=""> Dimethoate 0.00600 0.200 <loq< td=""> PASS Pyrethrins 0.0140 1.00 <loq< td=""> Dimethomorph 0.00500 1.00 <loq< td=""> PASS Pyridaben 0.00600 0.200 <loq< td=""> Ethoprophos 0.0130 0.200 <loq< td=""> PASS Spinetoram, Total 0.00500 1.00 <loq< td=""> Etosazole 0.00300 0.400 <loq< td=""> PASS Spinosad, Total 0.0130 0.200 <loq< td=""> Fenexycarb 0.0110 0.200 <loq< td=""> PASS</loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<>	Q PASS	<loq< td=""><td>0.200</td><td>0.00900</td><td>Permethrins, Total</td><td>PASS</td><td><loq< td=""><td>1.00</td><td>0.0190</td><td>Chlormequat chloride</td></loq<></td></loq<>	0.200	0.00900	Permethrins, Total	PASS	<loq< td=""><td>1.00</td><td>0.0190</td><td>Chlormequat chloride</td></loq<>	1.00	0.0190	Chlormequat chloride
Daminozide 0.00400 1.00 < LOQ PASS Prallethrin 0.00800 0.200 < LOQ Diazinon 0.00700 0.200 < LOQ	Q PASS	<loq< td=""><td>0.200</td><td>0.00700</td><td>Phosmet</td><td>PASS</td><td><loq< td=""><td>0.200</td><td>0.00900</td><td>Chlorpyrifos</td></loq<></td></loq<>	0.200	0.00700	Phosmet	PASS	<loq< td=""><td>0.200</td><td>0.00900</td><td>Chlorpyrifos</td></loq<>	0.200	0.00900	Chlorpyrifos
Diazinon 0.00700 0.200 < LOQ PASS Propiconazole 0.00600 0.400 < LOQ Dichlorvos 0.0120 1.00 < LOQ	Q PASS	<loq< td=""><td>2.00</td><td>0.00600</td><td>Piperonyl Butoxide</td><td>PASS</td><td><loq< td=""><td>0.200</td><td>0.0100</td><td>Clofentezine</td></loq<></td></loq<>	2.00	0.00600	Piperonyl Butoxide	PASS	<loq< td=""><td>0.200</td><td>0.0100</td><td>Clofentezine</td></loq<>	0.200	0.0100	Clofentezine
Dichlorvos 0.0120 1.00 < LOQ PASS Propoxur 0.00800 0.200 < LOQ Dimethoate 0.00600 0.200 < LOQ	Q PASS	<loq< td=""><td>0.200</td><td>0.00800</td><td>Prallethrin</td><td>PASS</td><td><loq< td=""><td>1.00</td><td>0.00400</td><td>Daminozide</td></loq<></td></loq<>	0.200	0.00800	Prallethrin	PASS	<loq< td=""><td>1.00</td><td>0.00400</td><td>Daminozide</td></loq<>	1.00	0.00400	Daminozide
Dimethoate 0.00600 0.200 <loq< th=""> PASS Pyrethrins 0.0140 1.00 <loq< th=""> Dimethomorph 0.00500 1.00 <loq< td=""> PASS Pyridaben 0.00600 0.200 <loq< td=""> Ethoprophos 0.0130 0.200 <loq< td=""> PASS Spinetoram, Total 0.00500 1.00 <loq< td=""> Etofenprox 0.00300 0.400 <loq< td=""> PASS Spinosad, Total 0.00600 0.200 <loq< td=""> Etoxazole 0.00500 0.200 <loq< td=""> PASS Spiromesifen 0.0130 0.200 <loq< td=""> Fenhexamid 0.0150 1.00 <loq< td=""> PASS Spirotetramat 0.00600 0.200 <loq< td=""> Fenoxycarb 0.0110 0.200 <loq< td=""> PASS Spiroxamine 0.00400 0.200 <loq< td=""> Fenpyroximate 0.00200 0.400 <loq< td=""> PASS Tebuconazole 0.0120 0.400 <loq< td=""></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<>	Q PASS	<loq< td=""><td>0.400</td><td>0.00600</td><td>Propiconazole</td><td>PASS</td><td><loq< td=""><td>0.200</td><td>0.00700</td><td>Diazinon</td></loq<></td></loq<>	0.400	0.00600	Propiconazole	PASS	<loq< td=""><td>0.200</td><td>0.00700</td><td>Diazinon</td></loq<>	0.200	0.00700	Diazinon
Dimethomorph 0.00500 1.00 < LOQ PASS Pyridaben 0.00600 0.200 < LOQ Ethoprophos 0.0130 0.200 < LOQ	Q PASS	<loq< td=""><td>0.200</td><td>0.00800</td><td>Propoxur</td><td>PASS</td><td><loq< td=""><td>1.00</td><td>0.0120</td><td>Dichlorvos</td></loq<></td></loq<>	0.200	0.00800	Propoxur	PASS	<loq< td=""><td>1.00</td><td>0.0120</td><td>Dichlorvos</td></loq<>	1.00	0.0120	Dichlorvos
Ethoprophos 0.0130 0.200 <loq< th=""> PASS Spinetoram, Total 0.00500 1.00 <loq< th=""> Etofenprox 0.00300 0.400 <loq< td=""> PASS Spinosad, Total 0.00600 0.200 <loq< td=""> Etoxazole 0.00500 0.200 <loq< td=""> PASS Spiromesifen 0.0130 0.200 <loq< td=""> Fenhexamid 0.0150 1.00 <loq< td=""> PASS Spirotetramat 0.00600 0.200 <loq< td=""> Fenoxycarb 0.0110 0.200 <loq< td=""> PASS Spiroxamine 0.00400 0.200 <loq< td=""> Fenpyroximate 0.00200 0.400 <loq< td=""> PASS Tebuconazole 0.0120 0.400 <loq< td=""></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<>	Q PASS	<loq< td=""><td>1.00</td><td>0.0140</td><td>Pyrethrins</td><td>PASS</td><td><loq< td=""><td>0.200</td><td>0.00600</td><td>Dimethoate</td></loq<></td></loq<>	1.00	0.0140	Pyrethrins	PASS	<loq< td=""><td>0.200</td><td>0.00600</td><td>Dimethoate</td></loq<>	0.200	0.00600	Dimethoate
Etofenprox 0.00300 0.400 < LOQ PASS Spinosad, Total 0.00600 0.200 < LOQ Etoxazole 0.00500 0.200 < LOQ	Q PASS	<loq< td=""><td>0.200</td><td>0.00600</td><td>Pyridaben</td><td>PASS</td><td><loq< td=""><td>1.00</td><td>0.00500</td><td>Dimethomorph</td></loq<></td></loq<>	0.200	0.00600	Pyridaben	PASS	<loq< td=""><td>1.00</td><td>0.00500</td><td>Dimethomorph</td></loq<>	1.00	0.00500	Dimethomorph
Etoxazole 0.00500 0.200 < LOQ PASS Spiromesifen 0.0130 0.200 < LOQ Fenhexamid 0.0150 1.00 < LOQ	Q PASS	<loq< td=""><td>1.00</td><td>0.00500</td><td>Spinetoram, Total</td><td>PASS</td><td><loq< td=""><td>0.200</td><td>0.0130</td><td>Ethoprophos</td></loq<></td></loq<>	1.00	0.00500	Spinetoram, Total	PASS	<loq< td=""><td>0.200</td><td>0.0130</td><td>Ethoprophos</td></loq<>	0.200	0.0130	Ethoprophos
Fenhexamid 0.0150 1.00 < LOQ PASS Spirotetramat 0.00600 0.200 < LOQ Fenoxycarb 0.0110 0.200 < LOQ	Q PASS	<loq< td=""><td>0.200</td><td>0.00600</td><td>Spinosad, Total</td><td>PASS</td><td><loq< td=""><td>0.400</td><td>0.00300</td><td>Etofenprox</td></loq<></td></loq<>	0.200	0.00600	Spinosad, Total	PASS	<loq< td=""><td>0.400</td><td>0.00300</td><td>Etofenprox</td></loq<>	0.400	0.00300	Etofenprox
Fenoxycarb 0.0110 0.200 <loq< th=""> PASS Spiroxamine 0.00400 0.200 <loq< th=""> Fenpyroximate 0.00200 0.400 <loq< td=""> PASS Tebuconazole 0.0120 0.400 <loq< td=""></loq<></loq<></loq<></loq<>	Q PASS	<loq< td=""><td>0.200</td><td>0.0130</td><td>Spiromesifen</td><td>PASS</td><td><loq< td=""><td>0.200</td><td>0.00500</td><td>Etoxazole</td></loq<></td></loq<>	0.200	0.0130	Spiromesifen	PASS	<loq< td=""><td>0.200</td><td>0.00500</td><td>Etoxazole</td></loq<>	0.200	0.00500	Etoxazole
Fenpyroximate 0.00200 0.400 <loq 0.0120="" 0.400="" <loq<="" pass="" td="" tebuconazole=""><td>Q PASS</td><td><loq< td=""><td>0.200</td><td>0.00600</td><td>Spirotetramat</td><td>PASS</td><td><loq< td=""><td>1.00</td><td>0.0150</td><td>Fenhexamid</td></loq<></td></loq<></td></loq>	Q PASS	<loq< td=""><td>0.200</td><td>0.00600</td><td>Spirotetramat</td><td>PASS</td><td><loq< td=""><td>1.00</td><td>0.0150</td><td>Fenhexamid</td></loq<></td></loq<>	0.200	0.00600	Spirotetramat	PASS	<loq< td=""><td>1.00</td><td>0.0150</td><td>Fenhexamid</td></loq<>	1.00	0.0150	Fenhexamid
	Q PASS	<loq< td=""><td>0.200</td><td>0.00400</td><td>Spiroxamine</td><td>PASS</td><td><loq< td=""><td>0.200</td><td>0.0110</td><td>Fenoxycarb</td></loq<></td></loq<>	0.200	0.00400	Spiroxamine	PASS	<loq< td=""><td>0.200</td><td>0.0110</td><td>Fenoxycarb</td></loq<>	0.200	0.0110	Fenoxycarb
	Q PASS	<loq< td=""><td>0.400</td><td>0.0120</td><td>Tebuconazole</td><td>PASS</td><td><loq< td=""><td>0.400</td><td>0.00200</td><td>Fenpyroximate</td></loq<></td></loq<>	0.400	0.0120	Tebuconazole	PASS	<loq< td=""><td>0.400</td><td>0.00200</td><td>Fenpyroximate</td></loq<>	0.400	0.00200	Fenpyroximate
Flonicamid 0.00700 1.00 <loq 0.00800="" 0.200="" <loq<="" pass="" td="" thiacloprid=""><td>Q PASS</td><td><loq< td=""><td>0.200</td><td>0.00800</td><td>Thiacloprid</td><td>PASS</td><td><loq< td=""><td>1.00</td><td>0.00700</td><td>Flonicamid</td></loq<></td></loq<></td></loq>	Q PASS	<loq< td=""><td>0.200</td><td>0.00800</td><td>Thiacloprid</td><td>PASS</td><td><loq< td=""><td>1.00</td><td>0.00700</td><td>Flonicamid</td></loq<></td></loq<>	0.200	0.00800	Thiacloprid	PASS	<loq< td=""><td>1.00</td><td>0.00700</td><td>Flonicamid</td></loq<>	1.00	0.00700	Flonicamid
Fludioxonil 0.0170 0.400 <loq 0.00800="" 0.200="" <loq<="" pass="" td="" thiamethoxam=""><td>Q PASS</td><td><loq< td=""><td>0.200</td><td>0.00800</td><td>Thiamethoxam</td><td>PASS</td><td><loq< td=""><td>0.400</td><td>0.0170</td><td>Fludioxonil</td></loq<></td></loq<></td></loq>	Q PASS	<loq< td=""><td>0.200</td><td>0.00800</td><td>Thiamethoxam</td><td>PASS</td><td><loq< td=""><td>0.400</td><td>0.0170</td><td>Fludioxonil</td></loq<></td></loq<>	0.200	0.00800	Thiamethoxam	PASS	<loq< td=""><td>0.400</td><td>0.0170</td><td>Fludioxonil</td></loq<>	0.400	0.0170	Fludioxonil
Hexythiazox 0.00500 1.00 <loq pass<="" td=""><td></td><td></td><td></td><td></td><td></td><td>PASS</td><td><loq< td=""><td>1.00</td><td>0.00500</td><td>Hexythiazox</td></loq<></td></loq>						PASS	<loq< td=""><td>1.00</td><td>0.00500</td><td>Hexythiazox</td></loq<>	1.00	0.00500	Hexythiazox

Kristofer Marsh, Ph.D.

State Director

09/07/2025 (ris Marsh







Liberty Leaf

Address: 399 Smith St Farmingdale, NY 11735

Contact Name: Contact Phone:

License #: OCM-PROC-24-000176 Sample ID: 2508SMNY0639.3192



CERTIFICATE OF ANALYSIS

Permit #: OCM-CPL-00004

Pesticides GC

Pass

Sample Analysis

 Date:
 09/05/2025 03:33 PM
 SOP:
 NYS.SOP.T.040.271

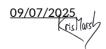
 Analyzed By:
 GC-MS/MS
 Sample Weight:
 N/A

Analyst: Destiny Ribadeneyra

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

Kristofer Marsh, Ph.D.

State Director









Liberty Leaf

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Contact Name: Contact Phone:

License #: OCM-PROC-24-000176 Sample ID: 2508SMNY0639.3192



CERTIFICATE OF ANALYSIS

Permit #: OCM-CPL-00004

Residual Solvents

Pass

Sample Analysis

Date: 09/05/2025 12:31 PM

Analyzed By: GC-MS

Analyst: Destiny Ribadeneyra

SOP: NYS.SOP.T.040.272

Sample Weight: 0.1058 g

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

Kristofer Marsh, Ph.D.

State Director







Liberty Leaf

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Contact Name: Contact Phone:

License #: OCM-PROC-24-000176 Sample ID: 2508SMNY0639.3192



CERTIFICATE OF ANALYSIS

Permit #: OCM-CPL-00004

Microbial Impurities - MDG

Pass

Sample Analysis

Date: 09/05/2025 04:30 PM

SOP: NYS.SOP.T.40.273

Analyse: 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

Kristofer Marsh, Ph.D.

State Director

09/07/2025 (ris Mars







Liberty Leaf

Address: 399 Smith St Farmingdale, NY 11735

Contact Name: Contact Phone:

License #: OCM-PROC-24-000176 Sample ID: 2508SMNY0639.3192



CERTIFICATE OF ANALYSIS

Permit #: OCM-CPL-00004

Microbial Impurities - TAPC

Pass

Sample Analysis

Date: 09/04/2025 10:59 AM

SOP: NYS.SOP.T.040.200

Analyzed By: Plating

Analyst: Lindsey Vento

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

Microbial Impurities - TYMC

Pass

Sample Analysis

Date: 09/05/2025 04:41 PM

SOP: NYS.SOP.T.040.200

Analysed By: Plating
Analyst: Lindsey Vento

Analyte	LOQ (CFU/g)	Action Limit (CFU/g)	Results (CFU/g)	Pass/Fail
Total Yeast and Mold	5	1000	<loq< td=""><td>PASS</td></loq<>	PASS

Kristofer Marsh, Ph.D.

State Director

09/07/2025 (ris Mars)



