



CERTIFICATE OF ANALYSIS

Regulatory Compliance Testing
Report Date: Aug 29, 2024

Overall Result



PASS

Naturae LLC

pg 1 of 6

Blueberry Lemonade JYDG24239G2

Edible Solid



SAMPLE INFORMATION

Sample ID: CTNY-240826-002
Sample Name: Blueberry Lemonade JYDG24239G2
Matrix: Cannabis Edible Product
Product: Edible Solid
Batch No.: JYDG24239G2
Batch Size: 2896 Units
Sample Size: 3 Units
Serving Size: 5 g
Package Size: 10 g
Cultivar(s): N/A
Date Collected: Aug 26, 2024
Time Collected: 14:45:33
Date Received: Aug 26, 2024
Category: Cannabis_edible_product
Compliance Type: Adult Use
Received By: Gabrielle

MANUFACTURER

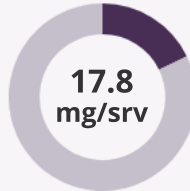
Naturae LLC
License: OCM-AUCP-22-000028
Address: 4883 NY-67
Hoosick Falls, NY 12090

CONTACT

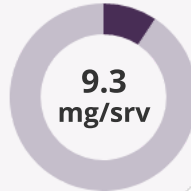
Eric gallagher
Phone: (518) 937-7247
Address: 4883 NY-67
Hoosick Falls, NY 12090

Cannabinoids

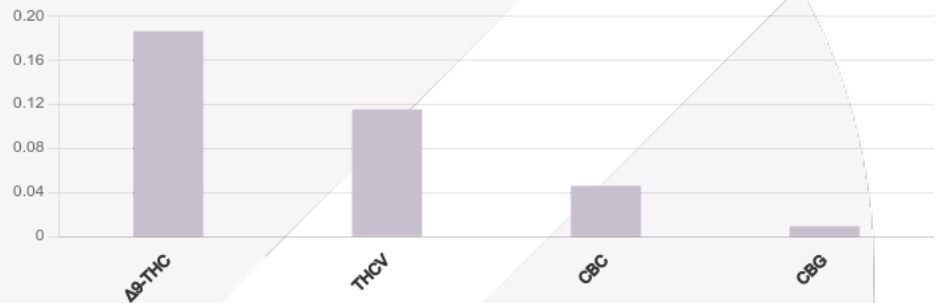
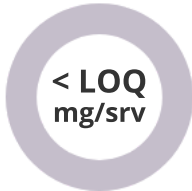
TOTAL CANNABINOIDS



TOTAL THC

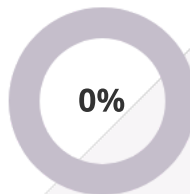


TOTAL CBD



Terpenes

TOTAL TERPENES



TOP 5 TERPENES

PROFILE

Cannabinoids	Heavy Metals	Microbials	Mycotoxins
TESTED	PASS	PASS	PASS
Pesticides	Residual Solvents	Terpenes	Water Activity
PASS	PASS	TESTED	PASS



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Contact: Larry Clement
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Larry Clement
Quality Assurance Officer
Aug 29, 2024



Logan Alvarez
Lead Technical Director
Aug 29, 2024

Definitions and Equations: Total THC = THCa*0.877 + Δ8-THC + Δ9-THC + Δ10-THC, Δ10-THC = 9R-Δ10-THC + 9S-Δ10-THC, Total CBD = CBDA*0.877 + CBD, Total Cannabinoids = All analytes summed excluding the isomers 9R-Δ10-THC and 9S-Δ10-THC, LOQ = Limit of Quantification, LOD = Limit of Detection. This report, and all results within, relates only to the items tested, calibrated or sampled, and may not be reproduced without written approval from CTND. All methods and results used conform to the NYS OCM regulations and standards. For bulk flower and plant forms, phytocannabinoids are corrected for moisture content and reported on a dry weight basis. Sampling & Transportation SOP: CTND-NY-SOP-SM-001



Blueberry Lemonade JYDG24239G2

Cannabinoids

Testing Method: CTND-NY-SOP-P-002, CTND-NY-SOP-P-001: Cannabinoids by HPLC

TESTED

Analyte	Dilution	LOQ	Results	Results	Results	Results
	1:n	%	%	mg/g	mg/pkg	mg/srv
9R-Δ ¹⁰ -THC	20	0.00681	< LOQ	< LOQ	< LOQ	< LOQ
9S-Δ ¹⁰ -THC	20	0.00681	< LOQ	< LOQ	< LOQ	< LOQ
CBC	20	0.00681	0.0460	0.460	4.60	2.30
CBD	20	0.00681	< LOQ	< LOQ	< LOQ	< LOQ
CBDA	20	0.00681	< LOQ	< LOQ	< LOQ	< LOQ
CBDV	20	0.00681	< LOQ	< LOQ	< LOQ	< LOQ
CBG	20	0.00681	0.00919	0.0919	0.919	0.460
Total THC			0.186	1.86	18.6	9.30
Total CBD			< LOQ	< LOQ	< LOQ	< LOQ

Analyte	Dilution	LOQ	Results	Results	Results	Results
	1:n	%	%	mg/g	mg/pkg	mg/srv
CBGA	20	0.00681	< LOQ	< LOQ	< LOQ	< LOQ
CBN	20	0.00681	< LOQ	< LOQ	< LOQ	< LOQ
Δ ⁸ -THC	20	0.00681	< LOQ	< LOQ	< LOQ	< LOQ
Δ ⁹ -THC	20	0.00681	0.186	1.86	18.6	9.30
Δ ¹⁰ -THC			< LOQ	< LOQ	< LOQ	< LOQ
THCA	20	0.00681	< LOQ	< LOQ	< LOQ	< LOQ
THCV	20	0.00681	0.115	1.15	11.5	5.75
Total THC			0.186	1.86	18.6	9.30
Total CBD			< LOQ	< LOQ	< LOQ	< LOQ

Prepared By: 38fef6
Analysis Date: Aug 28, 2024 09:06:00 EDT

Analyzed By: 38fef6
Prep Weight: 1.4676 Grams

Reviewed By: 38fef6
Lab Batch #: NP240185

Heavy Metals

Testing Method: CTND-NY-SOP-M-002, CTND-NY-SOP-M-001: Heavy Metals by ICP-MS

PASS

Analyte	Dilution	LOQ	Limit	Results	Status
	1:n	µg/g	µg/g	µg/g	
Antimony	2	0.080	120	< LOQ	Pass
Arsenic	2	0.080	1.5	< LOQ	Pass
Cadmium	2	0.080	0.5	< LOQ	Pass
Chromium	2	0.159	1100	< LOQ	Pass

Analyte	Dilution	LOQ	Limit	Results	Status
	1:n	µg/g	µg/g	µg/g	
Copper	2	0.159	300	< LOQ	Pass
Lead	2	0.080	0.5	< LOQ	Pass
Mercury	2	0.080	3	< LOQ	Pass
Nickel	2	0.159	20	< LOQ	Pass

Prepared By: 1g6xws
Analysis Date: Aug 27, 2024 12:16:00 EDT

Analyzed By: tvckqh
Prep Weight: 0.5016 Grams

Reviewed By: tvckqh
Lab Batch #: NM240143



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Larry Clement
Quality Assurance Officer
Aug 29, 2024



Logan Alvarez
Lead Technical Director
Aug 29, 2024



Blueberry Lemonade

JYDG24239G2

Microbials

PASS

Analyte	LOQ	Limit	Results	Status	Testing & Prep Method:
Aerobic Bacteria	CFU/g 100	CFU/g 10000	CFU/g < LOQ	Pass	Micro: Total Viable Aerobic Bacteria by Biomerieux Tempo
					Prepared By: k4gdmc Analysis Date: Aug 27, 2024 13:00:00 EDT Reviewed By: k4gdmc Lab Batch #: NB240066 Analyzed By: k4gdmc

Analyte	LOQ	Limit	Results	Status	Testing & Prep Method:
Aspergillus flavus	CFU/g 1.00	CFU/g Absent in any amt	CFU/g Absent	Pass	Micro: Aspergillus by Biomerieux Gene-Up
Aspergillus fumigatus	1.00	Absent in any amt	Absent	Pass	Prepared By: k4gdmc Analysis Date: Aug 27, 2024 17:00:00 EDT Reviewed By: k4gdmc Lab Batch #: NB240066 Analyzed By: k4gdmc
Aspergillus niger	1.00	Absent in any amt	Absent	Pass	
Aspergillus terreus	1.00	Absent in any amt	Absent	Pass	

Analyte	LOQ	Limit	Results	Status	Testing & Prep Method:
Salmonella spp.	CFU/g 1.00	CFU/g Absent in any amt	CFU/g Absent	Pass	Micro: Salmonella by Biomerieux Gene-Up
					Prepared By: k4gdmc Analysis Date: Aug 27, 2024 17:00:00 EDT Reviewed By: k4gdmc Lab Batch #: NB240066 Analyzed By: k4gdmc

Analyte	LOQ	Limit	Results	Status	Testing & Prep Method:
Shiga toxin-producing E. coli	CFU/g 1.00	CFU/g Absent in any amt	CFU/g Absent	Pass	Micro: Shiga Toxin-producing E. Coli by Biomerieux Gene-Up
					Prepared By: k4gdmc Analysis Date: Aug 27, 2024 17:00:00 EDT Reviewed By: k4gdmc Lab Batch #: NB240066 Analyzed By: k4gdmc

Analyte	LOQ	Limit	Results	Status	Testing & Prep Method:
Yeast & Mold	CFU/g 100	CFU/g 1000	CFU/g < LOQ	Pass	Micro: Total Yeast & Mold by Biomerieux Tempo
					Prepared By: k4gdmc Analysis Date: Aug 29, 2024 16:30:00 EDT Reviewed By: k4gdmc Lab Batch #: NB240066 Analyzed By: k4gdmc

Mycotoxins

Testing Method: CTND-NY-SOP-PM-002, CTND-NY-SOP-PM-001: Mycotoxins by LC-MS/MS

PASS


Analyte	Dilution	LOQ	Limit	Results	Status	Analyte	Dilution	LOQ	Limit	Results	Status
Aflatoxin B1	1:n	µg/g 0.00974	µg/g	µg/g < LOQ	N/A	Aflatoxin G2	1	0.00974	µg/g	µg/g < LOQ	N/A
Aflatoxin B2	1	0.00974		< LOQ	N/A	Ochratoxin A	1	0.00974	0.02	< LOQ	Pass
Aflatoxin G1	1	0.00974		< LOQ	N/A	Aflatoxins			0.02	< LOQ	Pass
Prepared By: k4gdmc Analysis Date: Aug 27, 2024 17:00:00 EDT Analyzed By: k4gdmc Prep Weight: 1.0265 Grams						Reviewed By: k4gdmc Lab Batch #: NPM240131					



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 Quality Assurance Officer
 Aug 29, 2024



Logan Alvarez
 Lead Technical Director
 Aug 29, 2024



Blueberry Lemonade JYDG24239G2

Pesticides

Testing Method: CTND-NY-SOP-PM-002: Pesticides by LC-MS/MS

PASS

Analyte	Dilution	LOQ	Limit	Results	Status
	1:n	ppm	ppm	ppm	
Abamectin	1	0.0974	0.5	< LOQ	Pass
Acephate	1	0.0974	0.4	< LOQ	Pass
Acequinocyl	1	0.0974	2	< LOQ	Pass
Acetamiprid	1	0.0974	0.2	< LOQ	Pass
Aldicarb	1	0.0974	0.4	< LOQ	Pass
Azadirachtin	1	0.0974	1	< LOQ	Pass
Azoxystrobin	1	0.0974	0.2	< LOQ	Pass
Bifenazate	1	0.0974	0.2	< LOQ	Pass
Bifenthrin	1	0.0974	0.2	< LOQ	Pass
Boscalid	1	0.0974	0.4	< LOQ	Pass
Captan	1	0.0974	1	< LOQ	Pass
Carbaryl	1	0.0974	0.2	< LOQ	Pass
Carbofuran	1	0.0974	0.2	< LOQ	Pass
Chlorantranil- iprole	1	0.0974	0.2	< LOQ	Pass
Chlordane	1	0.390	1	< LOQ	Pass
Chlorfenapyr	1	0.0974	1	< LOQ	Pass
Chloromequat chloride	1	0.0974	1	< LOQ	Pass
Chlorpyrifos	1	0.0974	0.2	< LOQ	Pass
Clofentezine	1	0.0974	0.2	< LOQ	Pass
Coumaphos	1	0.0974	1	< LOQ	Pass
Cyfluthrin	1	0.0974	1	< LOQ	Pass
Cypermethrin	1	0.0974	1	< LOQ	Pass
Daminozide	1	0.0974	1	< LOQ	Pass
Diazinon	1	0.0974	0.2	< LOQ	Pass
Dichlorvos	1	0.0974	1	< LOQ	Pass
Dimethoate	1	0.0974	0.2	< LOQ	Pass
Dimethomorph	1	0.0974	1	< LOQ	Pass
Ethoprophos	1	0.0974	0.2	< LOQ	Pass
Etofenprox	1	0.0974	0.4	< LOQ	Pass
Etoxazole	1	0.0974	0.2	< LOQ	Pass
Fenhexamid	1	0.0974	1	< LOQ	Pass
Fenoxycarb	1	0.0974	0.2	< LOQ	Pass
Fenpyroximate	1	0.0974	0.4	< LOQ	Pass
Fipronil	1	0.0974	0.4	< LOQ	Pass
Flonicamid	1	0.0974	1	< LOQ	Pass
Fludioxonil	1	0.0974	0.4	< LOQ	Pass
Hexythiazox	1	0.0974	1	< LOQ	Pass
Imazalil	1	0.0974	0.2	< LOQ	Pass
Imidacloprid	1	0.0974	0.4	< LOQ	Pass
Indole-3-butyric acid	1	0.0974	1	< LOQ	Pass
Kresoxim- methyl	1	0.0974	0.4	< LOQ	Pass

Analyte	Dilution	LOQ	Limit	Results	Status
	1:n	ppm	ppm	ppm	
Malathion	1	0.0974	0.2	< LOQ	Pass
Metalaxyl	1	0.0974	0.2	< LOQ	Pass
Methiocarb	1	0.0974	0.2	< LOQ	Pass
Methomyl	1	0.0974	0.4	< LOQ	Pass
Methyl parathion	1	0.0974	0.2	< LOQ	Pass
Mevinphos	1	0.0974	1	< LOQ	Pass
MGK-264			0.2	< LOQ	Pass
MGK-264 I		3.29		< LOQ	N/A
MGK-264 II		6.46		< LOQ	N/A
Myclobutanil	1	0.0974	0.2	< LOQ	Pass
Naled	1	0.0974	0.5	< LOQ	Pass
Oxamyl	1	0.0974	1	< LOQ	Pass
Paclobutrazol	1	0.0974	0.4	< LOQ	Pass
Pentachloroni- trobenezene	1	0.0974	1	< LOQ	Pass
Permethrin			0.2	< LOQ	Pass
Permethrin cis	1	0.0448		< LOQ	N/A
Permethrin trans	1	0.0526		< LOQ	N/A
Phosmet	1	0.0974	0.2	< LOQ	Pass
Piperonylbuto- xide	1	0.0974	2	< LOQ	Pass
Prallethrin	1	0.0974	0.2	< LOQ	Pass
Propiconazole	1	0.0974	0.4	< LOQ	Pass
Propoxur	1	0.0974	0.2	< LOQ	Pass
Pyrethrins			1	< LOQ	Pass
Pyrethrins Cinerin I	1	0.00526		< LOQ	N/A
Pyrethrins Cinerin II	1	0.00351		< LOQ	N/A
Pyrethrins Jasmolin I	1	0.00368		< LOQ	N/A
Pyrethrins Jasmolin II	1	0.00245		< LOQ	N/A
Pyrethrins Pyrethrin I	1	0.0518		< LOQ	N/A
Pyrethrins Pyrethrin II	1	0.0256		< LOQ	N/A
Pyridaben	1	0.0974	0.2	< LOQ	Pass
Spinetoram	1	0.0974	1	< LOQ	Pass
Spinosad			0.2	< LOQ	Pass
Spinosad A	1	0.0785		< LOQ	N/A
Spinosad D	1	0.0170		< LOQ	N/A
Spiromesifen	1	0.0974	0.2	< LOQ	Pass
Spirotetramat	1	0.0974	0.2	< LOQ	Pass
Spiroxamine	1	0.0974	0.2	< LOQ	Pass
Tebuconazole	1	0.0974	0.4	< LOQ	Pass
Thiacloprid	1	0.0974	0.2	< LOQ	Pass
Thiamethoxam	1	0.0974	0.2	< LOQ	Pass
Trifloxystrob- in	1	0.0974	0.2	< LOQ	Pass

Prepared By: k4gdmc
Analysis Date: Aug 27, 2024 17:00:00 EDT, Aug 29, 2024
12:00:00 EDT

Analyzed By: k4gdmc
Prep Weight: 1.0265 Grams

Reviewed By: k4gdmc
Lab Batch #: NPM240131



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Definitions and Equations: Total THC = THCa*0.877 + Δ8-THC + Δ9-THC + Δ10-THC, Δ10-THC = 9R-Δ10-THC + 9S-Δ10-THC, Total CBD = CBDA*0.877 + CBD, Total Cannabinoids = All analytes summed excluding the isomers 9R-Δ10-THC and 9S-Δ10-THC, LOQ = Limit of Quantification, LOD = Limit of Detection. This report, and all results within, relates only to the items tested, calibrated or sampled, and may not be reproduced without written approval from CTND. All methods and results used conform to the NYS OCM regulations and standards. For bulk flower and plant forms, phytocannabinoids are corrected for moisture content and reported on a dry weight basis. Sampling & Transportation SOP: CTND-NY-SOP-SM-001



Blueberry Lemonade

JYDG24239G2

Residual Solvents

Testing Method: CTND-NY-SOP-R-001, CTND-NY-SOP-R-002: Residual Solvents by GC-MS

PASS

Analyte	Dilution	LOQ	Limit	Results	Status	Analyte	Dilution	LOQ	Limit	Results	Status
	1:n	ppm	ppm	ppm			1:n	ppm	ppm	ppm	
1,1,1,2-Tetrafluoroethane	1	201.000	1000	< LOQ	Pass	Dimethyl sulfoxide	1	1610.000	5000	< LOQ	Pass
1,1,1-Trichloroethane	1	80.500	1500	< LOQ	Pass	Ethanol	1	80.500	5000	187.640	Pass
1,2-Dichloroethane	1	8.050	5	< LOQ	Pass	Ethyl acetate	1	80.500	5000	< LOQ	Pass
2,2-Dimethylbutane	1	16.100		< LOQ	N/A	Ethyl ether	1	80.500	5000	< LOQ	Pass
2,3-Dimethylbutane	1	16.100		< LOQ	N/A	Heptane	1	80.500	5000	< LOQ	Pass
2-Methylbutane	1	26.900		< LOQ	N/A	Hexane	1	16.100		< LOQ	N/A
2-Methylpentane	1	16.100		< LOQ	N/A	Hexanes			290	< LOQ	Pass
2-Propanol	1	80.500	5000	< LOQ	Pass	Methanol	1	80.500	3000	< LOQ	Pass
3-Methylpentane	1	16.100		< LOQ	N/A	Neopentane	1	26.900		< LOQ	N/A
Acetone	1	80.500	5000	< LOQ	Pass	o-Xylene	1	20.100		< LOQ	N/A
Acetonitrile	1	80.500	410	< LOQ	Pass	p- and m-Xylene	1	40.300		< LOQ	N/A
Benzene	1	0.805	2	< LOQ	Pass	Pentane	1	26.900		< LOQ	N/A
Butane	1	40.300		< LOQ	N/A	Pentanes			5000	< LOQ	Pass
Butanes			5000	< LOQ	Pass	Propane	1	80.500	5000	< LOQ	Pass
Chloroform	1	0.805	60	< LOQ	Pass	Toluene	1	80.500	890	< LOQ	Pass
Dichloromethane	1	80.500	600	< LOQ	Pass	Total xylenes			2170	< LOQ	Pass
						Trichloroethylene	1	80.500		< LOQ	N/A

Prepared By: tvckqh
Analysis Date: Aug 27, 2024 16:05:00 EDT

Analyzed By: tvckqh
Prep Weight: 0.1242 Grams

Reviewed By: tvckqh
Lab Batch #: NR240131

Terpenes

Testing Method: CTND-NY-SOP-T-001, CTND-NY-SOP-T-002: Terpenes by GC-MS

TESTED

Analyte	Dilution	LOQ	Limit	Results	Results	Analyte	Dilution	LOQ	Limit	Results	Results
	1:n	%		%			1:n	%		%	
α-Bisabolol	1	0.0078		< LOQ	< LOQ	Fenchol	1	0.0078		< LOQ	< LOQ
α-Humulene	1	0.0078		< LOQ	< LOQ	γ-Terpinene	1	0.0078		< LOQ	< LOQ
α-Phellandrene	1	0.0078		< LOQ	< LOQ	Geraniol	1	0.0078		< LOQ	< LOQ
α-Pinene	1	0.0078		< LOQ	< LOQ	Guaiol	1	0.0078		< LOQ	< LOQ
α-Terpinene	1	0.0078		< LOQ	< LOQ	Isopulegol	1	0.0078		< LOQ	< LOQ
β-Caryophyllene	1	0.0078		< LOQ	< LOQ	Linalool	1	0.0078		< LOQ	< LOQ
β-Myrcene	1	0.0078		< LOQ	< LOQ	p-Cymene	1	0.0078		< LOQ	< LOQ
β-Pinene	1	0.0078		< LOQ	< LOQ	Terpineol	1	0.0078		< LOQ	< LOQ
Camphene	1	0.0078		< LOQ	< LOQ	Terpinolene	1	0.0078		< LOQ	< LOQ
Caryophyllene Oxide	1	0.0078		< LOQ	< LOQ	trans-β-Farnesene	1	0.0078		< LOQ	< LOQ
cis-β-Ocimene	1	0.0022		< LOQ	< LOQ	trans-β-Ocimene	1	0.0052		< LOQ	< LOQ
d-Limonene	1	0.0078		< LOQ	< LOQ	trans-Nerolidol	1	0.0078		< LOQ	< LOQ
Δ ³ -Carene	1	0.0078		< LOQ	< LOQ	Valencene	1	0.0078		< LOQ	< LOQ
Eucalyptol	1	0.0078		< LOQ	< LOQ						
Total Terpenes				< LOQ	< LOQ	Total Terpenes				< LOQ	< LOQ

Prepared By: tvckqh
Analysis Date: Aug 28, 2024 08:31:00 EDT

Analyzed By: tvckqh
Prep Weight: 0.1022 Grams

Reviewed By: tvckqh
Lab Batch #: NT240139



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Logan Alvarez
Lead Technical Director
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Blueberry Lemonade

JYDG24239G2

Regulatory Compliance Testing

Report Date: Aug 29, 2024

Sample ID: CTNY-240826-002

pg 6 of 6

Water Activity

Testing Method: CTND-NY-SOP-W-001: Water Activity

PASS

Analyte	Limit	Results	Status
Water Activity	0.85 Aw	0.73 Aw	Pass

Prepared By: 1g6xws
Analysis Date: Aug 27, 2024 09:50:00 EDT

Analyzed By: 1g6xws
Prep Weight: Grams

Reviewed By: 1g6xws
Lab Batch #: NW240130


Regulatory Compliance Testing



Certified Testing and Data
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Definitions and Equations: Total THC = THCa*0.877 + Δ8-THC + Δ9-THC + Δ10-THC, Δ10-THC = 9R-Δ10-THC + 9S-Δ10-THC, Total CBD = CBDA*0.877 + CBD, Total Cannabinoids = All analytes summed excluding the isomers 9R-Δ10-THC and 9S-Δ10-THC, LOQ = Limit of Quantification, LOD = Limit of Detection. This report, and all results within, relates only to the items tested, calibrated or sampled, and may not be reproduced without written approval from CTND. All methods and results used conform to the NYS OCM regulations and standards. For bulk flower and plant forms, phytocannabinoids are corrected for moisture content and reported on a dry weight basis. Sampling & Transportation SOP: CTND-NY-SOP-SM-001