



CERTIFICATE OF ANALYSIS

Customer: Root Bioscience Morrisville NC 27560

Collection Date: 06/06/2019
Order Date: 06/06/2019
Report Date: 06/14/2019
Order #701170
Batch # Naternal Pet 300

Initial Weight: 28710.00/mg
Specimen Type: Extract
Description: Naternal Pet 300

Cannabinoids	Weight (mg)	%
CBC	ND	ND
CBD	375.2397	1.307
CBDA	ND	ND
CBDV	9.1097	0.03173
CBG	4.5477	0.01584
CBGA	ND	ND
CBN	ND	ND
CBNA	ND	ND
Delta-8-THC	ND	ND
Delta-9-THC	ND	ND
THCA-A	ND	ND
THCV	ND	ND
THCVA	ND	ND
CBDVA	ND	ND
CBL	ND	ND
CBCA	ND	ND

	Weight (mg)	%
CBD Total	375.2397	1.3070
CBG Total	4.5477	0.0158
CBN Total	ND	ND
THC Total	ND	ND
Activated Total	388.8970	1.3546
Total Detected Cannabinoids	388.8970	1.3546

Thomas Farrell, MD
 Lab Director

*THCTotal=(THCA-A * 0.877)+Delta-9-THC+Delta-8-THC, *CBDTotal=(CBDA*0.877)+CBD, *CBGTotal=(CBGA*0.878)+CBG,
 *CBNTotal=(CBNA*0.876)+CBN, *Total Detected Cannabinoids=CBC+CBDTotal+CBDV+CBGTotal+CBNTotal+THCTotal+THCV,
 *Activated Total =(CBC+CBD+CBDV+CBG+CBN+Delta-8-THC+Delta-9-THC+THCV),*ND= Not Detected, *Weight =SS*%. SS =
 Serving Size,THC ND = <0.1% .



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Collection Date: 06/06/2019
Order Date: 06/06/2019
Report Date: 06/14/2019
Order #701171
Batch # Naternal Pet 600

Initial Weight: 28530.00/mg
Specimen Type: Extract
Description: Naternal Pet 600

Cannabinoids	Weight (mg)	%
CBC	ND	ND
CBD	773.1630	2.71
CBDA	ND	ND
CBDV	15.8598	0.05559
CBG	7.6232	0.02672
CBGA	ND	ND
CBN	ND	ND
CBNA	ND	ND
Delta-8-THC	ND	ND
Delta-9-THC	ND	ND
THCA-A	ND	ND
THCV	6.4478	0.0226
THCVA	ND	ND
CBDVA	ND	ND
CBL	ND	ND
CBCA	ND	ND

	Weight (mg)	%
CBD Total	773.1630	2.7100
CBG Total	7.6232	0.0267
CBN Total	ND	ND
THC Total	ND	ND
Activated Total	829.7095	2.9082
Total Detected Cannabinoids	829.7095	2.90819

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Lab Director

*THCTotal=(THCA-A * 0.877)+Delta-9-THC+Delta-8-THC, *CBDTotal=(CBDA*0.877)+CBD, *CBGTotal=(CBGA*0.878)+CBG, *CBNTotal=(CBNA*0.876)+CBN, *Total Detected Cannabinoids=CBC+CBDTotal+CBDV+CBGTotal+CBNTotal+THCTotal+THCV, *Activated Total =(CBC+CBD+CBDV+CBG+CBN+Delta-8-THC+Delta-9-THC+THCV),*ND= Not Detected, *Weight =SS*%. SS = Serving Size, THC ND = <0.1%



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Collection Date: 06/06/2019
Order Date: 06/06/2019
Report Date: 06/14/2019
Order #701172
Batch # Naternal Pet 1200

Initial Weight: 28890.00/mg
Specimen Type: Extract
Description: Naternal Pet 1200

Cannabinoids	Weight (mg)	%
CBC	ND	ND
CBD	1 368.8082	4.738
CBDA	ND	ND
CBDV	28.6069	0.09902
CBG	13.3732	0.04629
CBGA	ND	ND
CBN	ND	ND
CBNA	ND	ND
Delta-8-THC	ND	ND
Delta-9-THC	48.9974	0.1696
THCA-A	ND	ND
THCV	10.4206	0.03607
THCVA	ND	ND
CBDVA	ND	ND
CBL	ND	ND
CBCA	ND	ND

	Weight (mg)	%
CBD Total	1 368.8082	4.7380
CBG Total	13.3732	0.0463
CBN Total	ND	ND
THC Total	48.9974	0.1696
Activated Total	1 470.2063	5.0890
Total Detected Cannabinoids	1 470.2063	5.08899

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Lab Director

*THCTotal=(THCA-A * 0.877)+Delta-9-THC+Delta-8-THC, *CBDTotal=(CBDA*0.877)+CBD, *CBGTotal=(CBGA*0.878)+CBG, *CBNTotal=(CBNA*0.876)+CBN, *Total Detected Cannabinoids=CBC+CBDTotal+CBDV+CBGTotal+CBNTotal+THCTotal+THCV, *Activated Total =(CBC+CBD+CBDV+CBG+CBN+Delta-8-THC+Delta-9-THC+THCV),*ND= Not Detected, *Weight =SS*%. SS = Serving Size.



CERTIFICATE OF ANALYSIS



Customer: Root Bioscience

Collection Date: 06/06/2019
Order Date: 06/06/2019
Report Date: 06/11/2019
Order #701174
Batch # Naternal FS Full Panel

Initial Weight: 35440.00/mg
Specimen Weight: 101.01/mg
Specimen Type: Extract
Description: Naternal FS Full Panel

Residual Solvents

(GC/GCMS)

Analyte	ppm	Analyte	ppm	Analyte	ppm
Acetone	ND	Benzene	ND	Chloroform	ND
Ethanol	ND	I-Butane	ND	Isopropanol	ND
Methanol	ND	N-Butane	ND	Pentane	ND
Toluene	ND				

Thomas Farrell, MD
Lab Director

* Total CBD = CBD + (CBD-A * 0.877). Total THC = THCA-A * 0.877 + Delta 9 THC. T-Caryophyllene = Trans-Caryophyllene, ND = Not Detected, QNS = Quantity Not Sufficient. (%) = Percent, (ppm) = Parts per Million, (cfu) = Colony Forming Unit, (ppb) = Parts per Billion, (µg/Kg) = Microgram per Kilogram, (mg/g) = Milligram per Gram.

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Order #701174
Batch # Naternal FS Full Panel

Initial Weight: 35440.00/mg
Specimen Weight: 101.01/mg
Specimen Type: Extract
Description: Naternal FS Full Panel

Heavy Metals

(ICP-MS)

Analyte	ppb	Analyte	ppb	Analyte	ppb
Arsenic (As)	ND	Cadmium (Cd)	ND	Lead (Pb)	ND
Mercury (Hg)	ND				

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Lab Director

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Initial Weight: 35440.00/mg
Specimen Weight: 101.01/mg
Specimen Type: Extract
Description: Naternal FS Full Panel

Mycotoxins

(LCMS/MS)

Analyte	(µg/Kg)	Analyte	(µg/Kg)	Analyte	(µg/Kg)
Aflatoxin B1	ND	Aflatoxin B2	ND	Aflatoxin G1	ND
Aflatoxin G2	ND	Ochratoxin A	ND		

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Specimen Weight: 101.01/mg
Specimen Type: Extract
Description: Naternal FS Full Panel

Microbiology (qPCR)

(qPCR)

Analyte	Analyte	Analyte
Total Aerobic Count	Total Coliform	Total Enterobacteriaceae
Passed	Passed	Passed
Total Yeast/Mold		
Passed		

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