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1 Hartford Square, New Britain, CT 06052
Tel: (860) 224-6668

Customer Name: Advanced Grow Labs, LLC
Customer Address: 400 Frontage Road
West Haven, CT 06516
Phone Number: 475-227-0028

Results issued on: 12/30/2019 COA No.: 21123019-B

Client Lot Number	Sample ID	Tests Conducted
WD-F5H15-191219	**3483-18** **3483-19**	**Quality Control Analysis**
	3483-19	**Active Ingredient Analysis**
	3483-19	**Terpene Analysis**

Quality Control Results

Test	Test Conducted	Specification	Results (Pass/Fail)
Microbiology	Total Aerobic Microbial Count	**< 10^6 CFU/g**	**Passed**
	Total Yeast and Mold Count	**< 10^4 CFU/g**	**Passed**
	Gram-negative Bacteria	**< 10^2 CFU/g**	**Passed**
	E. coli (pathogenic strains)	**Not Detected in 1 gram**	**Passed**
	Salmonella	**Not Detected in 1 gram**	**Passed**
Mycotoxins	Aflatoxin B1	**< 20 ug/Kg**	**Passed**
	Aflatoxin B2	**< 20 ug/Kg**	**Passed**
	Aflatoxin G1	**< 20 ug/Kg**	**Passed**
	Aflatoxin G2	**< 20 ug/Kg**	**Passed**
	Ochratoxin A	**< 20 ug/Kg**	**Passed**
Heavy Metals	Arsenic - As	**< 4.206 ug/g**	**Passed**
	Cadmium - Cd	**< 2.704 ug/g**	**Passed**
	Mercury - Hg	**< 8.712 ug/g**	**Passed**
	Lead - Pb	**< 8.712 ug/g**	**Passed**
Pesticides	***See attachment A***		**Passed**

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Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

Cannabinoid	Percent by weight (w/w)
Δ^9-Tetrahydrocannabinol Acid (Δ^9-THC-A)	25.1%
Δ^9-Tetrahydrocannabinol (Δ^9-THC)	0.77%
Cannabidiol Acid (CBD-A)	<0.10%
Cannabidiol (CBD)	<0.10%
Cannabigerol Acid (CBG-A)	1.55%
Cannabigerol (CBG)	<0.10%
Cannabinol (CBN)	<0.10%
Cannabichromene (CBC)	<0.10%

Terpene Content Results

via Gas Chromatography Mass Spectrometry (GC-MS)

Terpene	Percent by weight (w/w)
α-Pinene	<0.10%
β-Pinene	<0.10%
β-Myrcene	<0.10%
Limonene	<0.10%
Ocimene	<0.10%
Linalool	<0.10%
β-Caryophyllene	0.11%
Humulene	<0.10%

Results Approved by: Jose A. Zavaleta, Lab Director

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Attachment A

Pesticide	Residue limits according to EPA in parts per billion (ppb)	Results
Avermectin (abamectin)	< 10	Pass
Acequinocyl	< 20	Pass
Bifenazate	< 100	Pass
Bifenthrin (synthetic pyrethroid)	< 50	Pass
Cyfluthrin (synthetic pyrethroid)	< 20	Pass
Etoxazole	< 10	Pass
Imazalil	< 100	Pass
Imidacloprid	< 50	Pass
Myclobutanil	< 20	Pass
Paclobutrazol	< 400	Pass
Pyrethrins (synthetic)	< 50	Pass
Spinosad	< 10	Pass
Spiromesifen	< 20	Pass
Spirotetramat	< 200	Pass
Trifloxystrobin	< 50	Pass

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