

Sample Name: GG#4 (greenhouse)
 LIMS Sample ID: 180906X004
 Batch #: CC-8-31-18FLGGH
 Sample Metric ID:
 Sample Type: Flower, Inhalable
 Batch Weight: 3.5 Pound(s)
 Sample Weight: 12.22 Gram(s)
 Unit Mass:

Date Collected: 09/06/2018
 Date Received: 09/06/2018
 Tested for: Pacific Expeditors, Inc
 License #: A11-18-0000280-TEMP
 Address: 3401 Industrial Drive Suite A Santa Rosa CA 95403
 Produced by: Armco II, LLC
 License #: TAL17-0000841
 Address: 1005 Patterson Rd Willow Creek CA 95573
 Overall result for batch CC-8-31-18FLGGH: Fail

Moisture Test Results

09/07/2018

Moisture	Pass	%	Action Limit %
		9.5	13.0

Cannabinoid Test Results

09/08/2018

Cannabinoid analysis utilizing High Performance Liquid Chromatography (HPLC, QSP 5-4-4-4)

	mg/g	%	Calculated using Dry-Weight	
			LOD mg/g	LOQ mg/g
THC	19.3	1.93	0.003	0.1
THCa	118.8	11.88	0.006	0.1
CBD	ND	ND	0.007	0.1
CBDa	<LOQ	<LOQ	0.005	0.1
CBN	ND	ND	0.003	0.1
CBDV	ND	ND	0.003	0.1
CBDVa	ND	ND	0.003	0.1
CBG	0.3	0.03	0.006	0.1
CBGa	1.4	0.14	0.004	0.1
THCV	ND	ND	0.005	0.1
Δ8 - THC	ND	ND	0.009	0.1
CBC	0.2	0.02	0.006	0.1

Sum of Cannabinoids: 140.0 14.0

Total THC (Δ9THC+0.877*THCa) 123.5 12.35
 Total CBD (CBD+0.877*CBDa) <LOQ <LOQ

Residual Solvent Test Results

Residual Solvent analysis utilizing Gas Chromatography - Mass Spectrometry (GC - MS)

	µg/g	Action Limit µg/g	LOD µg/g	LOQ µg/g
1,2-Dichloroethane	NT			
Benzene	NT			
Chloroform	NT			
Ethylene Oxide	NT			
Methylene chloride	NT			
Trichloroethylene	NT			
Acetone	NT			
Acetonitrile	NT			
Butane	NT			
Ethanol	NT			
Ethyl acetate	NT			
Ethyl ether	NT			
Heptane	NT			
Hexane	NT			
Isopropyl Alcohol	NT			
Methanol	NT			
Pentane	NT			
Propane	NT			
Toluene	NT			
Total Xylenes	NT			

Terpene Test Results

Terpene analysis utilizing Gas Chromatography - Flame Ionization Detection (GC - FID)

mg/g / %		mg/g / %	
α Bisabolol	NT	α Terpinene	NT
α Pinene	NT	Linalool	NT
3 Carene	NT	Limonene	NT
Borneol	NT	Myrcene	NT
β Caryophyllene	NT	Fenchol	NT
Geraniol	NT	α Phellandrene	NT
α Humulene	NT	Caryophyllene Oxide	NT
Terpinolene	NT	Terpineol	NT
Valencene	NT	β Pinene	NT
Menthol	NT	R-(+)-Pulegone	NT
Nerolidol	NT	Geranyl Acetate	NT
Camphene	NT	Citronellol	NT
Eucalyptol	NT	p-Cymene	NT
α Cedrene	NT	Ocimene	NT
Camphor	NT	Guaiaol	NT
(-)-Isopulegol	NT	Phytol	NT
Sabinene	NT	Isoborneol	NT
γ Terpinene	NT		

Total Terpene Concentration: NT

Microbiological Test Results

09/08/2018

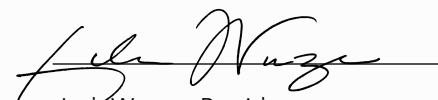
PCR and fluorescence detection of microbiological impurities

	Pass	ND	Action Limit
Shiga toxin-producing Escherichia coli	Pass	ND	ND
Salmonella spp.	Pass	ND	ND
Aspergillus fumigatus	Pass	ND	ND
Aspergillus flavus	Pass	ND	ND
Aspergillus niger	Pass	ND	ND
Aspergillus terreus	Pass	ND	ND

Sample Certification



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Pesticide Test Results

09/13/2018

Pesticide, Fungicide and plant growth regulator analysis utilizing HPLC-Mass Spectrometry and GC-Mass Spectrometry

		µg/g	Action Limit µg/g	LOD µg/g	LOQ µg/g
Abamectin	Pass	ND	0.1	0.032	0.1
Acephate	Pass	ND	0.1	0.032	0.1
Acequinocyl	Pass	ND	0.1	0.032	0.1
Acetamiprid	Pass	ND	0.1	0.032	0.1
Azoxystrobin	Pass	ND	0.1	0.032	0.1
Bifenazate	Pass	ND	0.1	0.032	0.1
Bifenthrin	Pass	ND	3.0	0.032	0.1
Boscalid	Pass	ND	0.1	0.032	0.1
Captan	Pass	ND	0.7	0.032	0.1
Carbaryl	Pass	ND	0.5	0.032	0.1
Chlorantraniliprole	Pass	ND	10.0	0.032	0.1
Clofentezine	Pass	ND	0.1	0.032	0.1
Cyfluthrin	Pass	ND	2.0	0.032	0.1
Cypermethrin	Pass	ND	1.0	0.032	0.1
Diazinon	Pass	ND	0.1	0.032	0.1
Dimethomorph	Pass	ND	2.0	0.032	0.1
Etoxazole	Pass	ND	0.1	0.032	0.1
Fenhexamid	Pass	ND	0.1	0.032	0.1
Fenpyroximate	Pass	ND	0.1	0.032	0.1
Flonicamid	Pass	ND	0.1	0.032	0.1
Fludioxonil	Pass	ND	0.1	0.032	0.1
Hexythiazox	Pass	ND	0.1	0.032	0.1
Imidacloprid	Pass	ND	5.0	0.032	0.1
Kresoxim-methyl	Pass	ND	0.1	0.032	0.1
Malathion	Pass	ND	0.5	0.032	0.1
Metalaxyl	Pass	ND	2.0	0.032	0.1
Methomyl	Pass	ND	1.0	0.032	0.1
Myclobutanil	Pass	ND	0.1	0.032	0.1
Naled	Pass	ND	0.1	0.032	0.1
Oxamyl	Pass	ND	0.5	0.032	0.1
Pentachloronitrobenzene	Pass	ND	0.1	0.032	0.1
Permethrin	Pass	ND	0.5	0.032	0.1
Phosmet	Pass	ND	0.1	0.032	0.1
Piperonylbutoxide	Pass	ND	3.0	0.032	0.1
Prallethrin	Pass	ND	0.1	0.032	0.1
Propiconazole	Pass	ND	0.1	0.032	0.1
Pyrethrins	Pass	ND	0.5	0.032	0.1
Pyridaben	Pass	ND	0.1	0.032	0.1
Spinetoram	Pass	ND	0.1	0.032	0.1
Spinosad	Pass	ND	0.1	0.032	0.1
Spiromesifen	Pass	ND	0.1	0.032	0.1
Spirotetramat	Pass	ND	0.1	0.032	0.1
Tebuconazole	Pass	ND	0.1	0.032	0.1
Thiamethoxam	Pass	ND	5.0	0.032	0.1
Trifloxystrobin	Pass	ND	0.1	0.032	0.1

Pesticide Test Results

09/13/2018

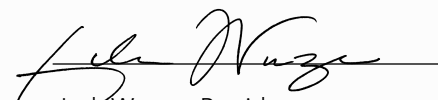
Pesticide, Fungicide and plant growth regulator analysis utilizing HPLC-Mass Spectrometry and GC-Mass Spectrometry

		µg/g	Action Limit µg/g	LOD µg/g	LOQ µg/g
Aldicarb	Pass	ND	ND	0.032	0.1
Carbofuran	Pass	ND	ND	0.032	0.1
Chlordane	Pass	ND	ND	0.032	0.1
Chlorfenapyr	Pass	ND	ND	0.032	0.1
Chlorpyrifos	Pass	ND	ND	0.032	0.1
Coumaphos	Pass	ND	ND	0.032	0.1
Daminozide	Pass	ND	ND	0.032	0.1
DDVP (Dichlorvos)	Pass	ND	ND	0.032	0.1
Dimethoate	Pass	ND	ND	0.032	0.1
Ethoprop(hos)	Pass	ND	ND	0.032	0.1
Etofenprox	Pass	ND	ND	0.032	0.1
Fenoxycarb	Pass	ND	ND	0.032	0.1
Fipronil	Pass	ND	ND	0.032	0.1
Imazalil	Pass	ND	ND	0.032	0.1
Methiocarb	Pass	ND	ND	0.032	0.1
Methyl parathion	Pass	ND	ND	0.032	0.1
Mevinphos	Pass	ND	ND	0.032	0.1
Pacllobutrazol	Pass	ND	ND	0.032	0.1
Propoxur	Pass	ND	ND	0.032	0.1
Spiroxamine	Pass	ND	ND	0.032	0.1
Thiacloprid	Pass	ND	ND	0.032	0.1

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Label Claim Test Results

Cannabinoids

Description	Claim	Actual	% Diff	Fail Limit	Pass/Fail
THC%	17.16	12.35	-28 %	±10 %	Fail
CBD%	0.024	0	-100 %	±10 %	Fail

Terpenoids

Description	Claim	Actual	RPD	Fail Limit	Pass/Fail
N/A	N/A	N/A	N/A	N/A	N/A

Foreign Material Test Results

09/07/2018

Pass

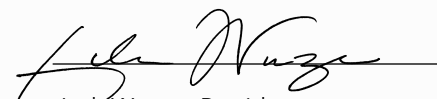


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