



# CERTIFICATE OF ANALYSIS & QUALITY ASSURANCE SUMMARY

USA  
GROWN

ORGANIC  
HEMP

PASSIONATELY  
CRAFTED

LAB  
TESTED

GMP  
STANDARDS

**Spray**

**Microdose**

**10ml**

SKU	BATCH	EXPIRATION
S10-MD	MD - ALL / A -73	04 NOV 2021

TEST	3RD PARTY LAB	METHOD	SAMPLE	SPECIFICATION	RESULTS
THC Assay	Anresco Laboratories	LC-DAD	1025918	LOQ (mg/g): 1.0	0.209% / PASS
Heavy Metals	Anresco Laboratories	ICP-MS	1008701	LOD (mcg/g): 0.02	None Detected / PASS
Microbiologicals	Anresco Laboratories	AOAC 2013.09 / EC Mug Aspergillus Diff. Agar	1021438	-	None Detected / PASS
Mycotoxins	Anresco Laboratories	-	1021438	LOD (mcg/kg): 10	None Detected / PASS
Pesticides (Extended 200+ Panel)	Anresco Laboratories	LC-MS/MS & GC-MS/MS	1021438	LOD (mcg/g): 0.04-0.5	None Detected / PASS

All analysis are conducted by accredited, third party laboratories.

Detailed results available upon request.

This product meets all testing requirements for issuance of this Certificate of Analysis and Quality Control release.

YES  NO

Quality Control:

DocuSigned by:  
  
006DFE8B02F4C4

Date:

12/23/2019

Quality Assurance:

DocuSigned by:  
  
0505D037103540C

Date:

12/20/2019

October 31, 2019

**LUMI**

Attn: Mr. Tyler  
2650 Magnolia Street  
Oakland, CA 94607

Order No. 509361  
Sample No. 1036986

**SAMPLE INFORMATION**

**Description** MD-ALL  
**Category (Type)** Concentrate  
**Received** October 25, 2019

**ANALYTICAL RESULTS**

**Analysis** Cannabinoid Profile  
**Instrument** Liquid Chromatography Diode Array Detector (LC-DAD)  
**Method** MF12D012  
**Analysis Date** October 25, 2019 to October 31, 2019

Analyte	mg/g	%	Status
δ8 THC	ND	ND	-
δ9 THC	1.9	0.19	-
THCV	ND	ND	-
THCVA	ND	ND	-
δ9 THCA	ND	ND	-
CBD	7.7	0.77	-
CBDA	ND	ND	-
CBC	2.6	0.26	-
CBCA	ND	ND	-
CBDV	ND	ND	-
CBG	1.2	0.12	-
CBGA	ND	ND	-
CBN	ND	ND	-
Total THC	1.9	0.19	-
Total CBD	7.7	0.77	-
Total Cannabinoids	13.3	1.33	-
Total Active Cannabinoids	13.3	1.33	-

**Label Claims** n/p

Reported by  
**Anresco, Inc.**

Limit of Quantitation: 1.0 mg/g  
Limit of Detection: 0.4 mg/g  
ND = None Detected  
<LOQ = Below Limit of Quantitation  
<LOD = Below Limit of Detection




Mark Rosasco  
Analyst

October 31, 2019

February 27, 2019

**LUMI**

Attn: Mr. Tyler  
2650 Magnolia Street  
Oakland, CA 94607

Order No. 504818  
Sample No. 1021438

## SAMPLE INFORMATION

Description All-Lumi-Mix  
Lot Number A-73  
Category (Type) Concentrate (Cartridge)  
Received February 21, 2019

## ANALYTICAL RESULTS

Analysis Mycotoxins ✔ Pass  
Analysis Date February 21, 2019 to February 27, 2019

Analyte	Findings	LOD / LOQ	Limit	Units
Total Aflatoxins	ND	10/20	20	µg/kg
Ochratoxin A	ND	10/20	20	µg/kg

Reported by  
**Anresco, Inc.**

ND = None Detected  
<LOQ = Below Limit of Quantitation



Eric Tam  
Senior Chemist

February 26, 2019

**LUMI**

Attn: Mr. Tyler  
2650 Magnolia Street  
Oakland, CA 94607

Order No. 504818  
Sample No. 1021438

## SAMPLE INFORMATION

Description All-Lumi-Mix  
Lot Number A-73  
Category (Type) Concentrate (Cartridge)  
Received February 21, 2019

## ANALYTICAL RESULTS

Analysis Date February 21, 2019 to February 26, 2019

Findings	Analysis	Results	Method
	Salmonella	Negative/1g	AOAC 2013.09
	STEC	Negative/1g	EC Mug
	Aspergillus Fumigatus	Negative/1g	Aspergillus Differentiation Agar
	Aspergillus Flavus	Negative/1g	Aspergillus Differentiation Agar
	Aspergillus Niger	Negative/1g	Aspergillus Differentiation Agar
	Aspergillus Terreus	Negative/1g	Aspergillus Differentiation Agar

Reported by  
**Anresco, Inc.**

  
Allen Zhu  
Analyst



September 18, 2018

428 Bally Way  
Pacifica, CA 94044

Order No. 501933  
Sample No. 1008701

## SAMPLE INFORMATION

**Description** Concentrate  
**Category (Type)**  
**Sampling** Received From Client  
**Received** September 04, 2018

## ANALYTICAL RESULTS

**Analysis** Heavy Metals Screen ✔ Pass  
**Instrument** ICP-MS  
**Analysis Date** September 04, 2018 to September 18, 2018

Analyte	LOD / LOQ (µg/g)	Findings (µg/g)	Limit (µg/g)	Status
Arsenic	0.02/0.05	ND	0.2	Pass
Cadmium	0.02/0.05	ND	0.2	Pass
Lead	0.02/0.05	ND	0.5	Pass
Mercury	0.02/0.05	ND	0.1	Pass

Reported by  
**Anresco, Inc.**

ND = None Detected  
 BLOQ = Below Limit of Quantitation



Yelena Bindman  
Senior Chemist

February 27, 2019

**LUMI**

Attn: Mr. Tyler  
 2650 Magnolia Street  
 Oakland, CA 94607

Order No. 504818  
 Sample No. 1021438

**SAMPLE INFORMATION**

**Description** All-Lumi-Mix  
**Lot Number** A-73  
**Category (Type)** Concentrate (Cartridge)  
**Received** February 21, 2019

**ANALYTICAL RESULTS**

**Analysis** Pesticide Residue Screen ✔ Pass  
**Instrument** Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS) & Gas Chromatography Tandem Mass Spectrometry (GC-MS/MS)  
**Method** QuEChERS, AOAC Official Method 2007.01 with modification  
**Analysis Date** February 21, 2019 to February 27, 2019

Analyte	LOD / LOQ (µg/g)	Findings (µg/g)	Limit (µg/g)	Status
Abamectin	0.04/0.10	ND	0.1	Pass
Acephate	0.04/0.10	ND	0.1	Pass
Acequinocyl	0.04/0.10	ND	0.1	Pass
Acetamiprid	0.04/0.10	ND	0.1	Pass
Aldicarb	0.04/0.10	ND	0.0	Pass
Azoxystrobin	0.04/0.10	ND	0.1	Pass
Bifenazate	0.04/0.10	ND	0.1	Pass
Bifenthrin	0.20/0.50	ND	3.0	Pass
Boscalid	0.04/0.10	ND	0.1	Pass
Captan	0.25/0.70	ND	0.7	Pass
Carbaryl	0.20/0.50	ND	0.5	Pass
Carbofuran	0.04/0.10	ND	0.0	Pass
Chlorantraniliprole	0.04/0.10	ND	10.0	Pass
Chlordane	0.04/0.10	ND	0.0	Pass
Chlorfenapyr	0.04/0.10	ND	0.0	Pass
Chlorpyrifos	0.04/0.10	ND	0.0	Pass
Clofentezine	0.04/0.10	ND	0.1	Pass
Coumaphos	0.04/0.10	ND	0.0	Pass
Cyfluthrin	0.70/2.00	ND	2.0	Pass
Cypermethrin	0.35/1.00	ND	1.0	Pass
Daminozide	0.04/0.10	ND	0.0	Pass
DDVP (Dichlorovous)	0.04/0.10	ND	0.0	Pass
Diazinon	0.04/0.10	ND	0.1	Pass
Dimethoate	0.04/0.10	ND	0.0	Pass
Dimethomorph	0.04/0.10	ND	2.0	Pass
Ethoprop(hos)	0.04/0.10	ND	0.0	Pass
Etofenprox	0.04/0.10	ND	0.0	Pass
Etoxazole	0.04/0.10	ND	0.1	Pass
Fenhexamid	0.04/0.10	ND	0.1	Pass
Fenoxycarb	0.04/0.10	ND	0.0	Pass
Fenpyroximate	0.04/0.10	ND	0.1	Pass

If there are any questions with this report, please contact "[iso@anresco.com](mailto:iso@anresco.com)".

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Analyte	LOD / LOQ (µg/g)	Findings (µg/g)	Limit (µg/g)	Status
Fipronil	0.04/0.10	ND	0.0	Pass
Flonicamid	0.04/0.10	ND	0.1	Pass
Fludioxanil	0.04/0.10	ND	0.1	Pass
Hexythiazox	0.04/0.10	ND	0.1	Pass
Imazalil	0.04/0.10	ND	0.0	Pass
Imidacloprid	0.04/0.10	ND	5.0	Pass
Kresoxim Methyl	0.04/0.10	ND	0.1	Pass
Malathion	0.20/0.50	ND	0.5	Pass
Metalaxyl	0.04/0.10	ND	2.0	Pass
Methiocarb	0.04/0.10	ND	0.0	Pass
Methomyl	0.04/1.00	ND	1.0	Pass
Methyl parathion	0.04/0.10	ND	0.0	Pass
Mevinphos	0.04/0.10	ND	0.0	Pass
Myclobutanil	0.04/0.10	ND	0.1	Pass
Naled	0.50/1.50	ND	0.1	Pass
Oxamyl	0.20/0.50	ND	0.5	Pass
Pacllobutrazol	0.04/0.10	ND	0.0	Pass
Pentachloronitrobenzene	0.04/0.10	ND	0.1	Pass
Permethrins	0.20/0.50	ND	0.5	Pass
Phosmet	0.04/0.10	ND	0.1	Pass
Piperonyl Butoxide	0.04/0.10	ND	3.0	Pass
Prallethrin	0.50/1.50	ND	0.1	Pass
Propiconazole	0.04/0.10	ND	0.1	Pass
Propoxur	0.04/0.10	ND	0.0	Pass
Pyrethrins	0.20/0.50	ND	0.5	Pass
Pyridaben	0.04/0.10	ND	0.1	Pass
Spinetoram	0.04/0.10	ND	0.1	Pass
Spinosad	0.04/0.10	ND	0.1	Pass
Spiromesifen	0.04/0.10	ND	0.1	Pass
Spirotetramat	0.04/0.10	ND	0.1	Pass
Spiroxamine	0.04/0.10	ND	0.0	Pass
Tebuconazole	0.04/0.10	ND	0.1	Pass
Thiacloprid	0.04/0.10	ND	0.0	Pass
Thiamethoxam	0.35/1.00	ND	5.0	Pass
Trifloxystrobin	0.04/0.10	ND	0.1	Pass
Acetochlor	0.04-0.20 / 0.1-0.5	ND	-	Pass
Alachlor	0.04-0.20 / 0.1-0.5	ND	-	Pass
Aldicarb Sulfone	0.04-0.20 / 0.1-0.5	ND	-	Pass
Aldicarb sulfoxide*	0.04-0.20 / 0.1-0.5	ND	-	Pass
Aldrin*	0.04-0.20 / 0.1-0.5	ND	-	Pass
Atrazine	0.04-0.20 / 0.1-0.5	ND	-	Pass
Benfluralin	0.04-0.20 / 0.1-0.5	ND	-	Pass
BHC alpha	0.04-0.20 / 0.1-0.5	ND	-	Pass
BHC beta	0.04-0.20 / 0.1-0.5	ND	-	Pass
Bitertanol	0.04-0.20 / 0.1-0.5	ND	-	Pass
Buprofezin	0.04-0.20 / 0.1-0.5	ND	-	Pass
Carbendazim (MBC)	0.04-0.20 / 0.1-0.5	ND	-	Pass
Carfentrazone ethyl	0.04-0.20 / 0.1-0.5	ND	-	Pass
Chlorobenzilate	0.04-0.20 / 0.1-0.5	ND	-	Pass
Chlorotoluron	0.04-0.20 / 0.1-0.5	ND	-	Pass

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Analyte	LOD / LOQ (µg/g)	Findings (µg/g)	Limit (µg/g)	Status
Chlorpropham	0.04-0.20 / 0.1-0.5	ND	-	Pass
Chlorpyrifos methyl	0.04-0.20 / 0.1-0.5	ND	-	Pass
Chlorthiophos	0.04-0.20 / 0.1-0.5	ND	-	Pass
Clethodim	0.04-0.20 / 0.1-0.5	ND	-	Pass
Clomazone	0.04-0.20 / 0.1-0.5	ND	-	Pass
Clothianidin	0.04-0.20 / 0.1-0.5	ND	-	Pass
Cyazofamid*	0.04-0.20 / 0.1-0.5	ND	-	Pass
Cymoxanil*	0.04-0.20 / 0.1-0.5	ND	-	Pass
Cyprodinil*	0.04-0.20 / 0.1-0.5	ND	-	Pass
Cyromazine	0.04-0.20 / 0.1-0.5	ND	-	Pass
DCPA (Dacthal)	0.04-0.20 / 0.1-0.5	ND	-	Pass
Diallate	0.04-0.20 / 0.1-0.5	ND	-	Pass
Dieldrin	0.04-0.20 / 0.1-0.5	ND	-	Pass
Diflubenzuron	0.04-0.20 / 0.1-0.5	ND	-	Pass
Dimethachlor	0.04-0.20 / 0.1-0.5	ND	-	Pass
Diniconazole	0.04-0.20 / 0.1-0.5	ND	-	Pass
Dinotefuran	0.04-0.20 / 0.1-0.5	ND	-	Pass
Diphenamid	0.04-0.20 / 0.1-0.5	ND	-	Pass
Diphenylamine (DPA)	0.04-0.20 / 0.1-0.5	ND	-	Pass
Diuron	0.04-0.20 / 0.1-0.5	ND	-	Pass
Esfenvalerate	0.04-0.20 / 0.1-0.5	ND	-	Pass
Ethalfuralin	0.04-0.20 / 0.1-0.5	ND	-	Pass
Ethylan	0.04-0.20 / 0.1-0.5	ND	-	Pass
Etridazole*	0.04-0.20 / 0.1-0.5	ND	-	Pass
Fenarimol	0.04-0.20 / 0.1-0.5	ND	-	Pass
Fenbuconazole	0.04-0.20 / 0.1-0.5	ND	-	Pass
Fenpropimorph	0.04-0.20 / 0.1-0.5	ND	-	Pass
Fenthion	0.04-0.20 / 0.1-0.5	ND	-	Pass
Fenvalerate	0.04-0.20 / 0.1-0.5	ND	-	Pass
Fluazifop-P-butyl	0.04-0.20 / 0.1-0.5	ND	-	Pass
Flubendiamide	0.04-0.20 / 0.1-0.5	ND	-	Pass
Fluchloralin	0.04-0.20 / 0.1-0.5	ND	-	Pass
Flucythrinate	0.04-0.20 / 0.1-0.5	ND	-	Pass
Fluoxastrobin	0.04-0.20 / 0.1-0.5	ND	-	Pass
Flusilazole	0.04-0.20 / 0.1-0.5	ND	-	Pass
Flutolanil	0.04-0.20 / 0.1-0.5	ND	-	Pass
Flutriafol	0.04-0.20 / 0.1-0.5	ND	-	Pass
Fonofos*	0.04-0.20 / 0.1-0.5	ND	-	Pass
Formetanate Hydrochloride	0.04-0.20 / 0.1-0.5	ND	-	Pass
Heptachlor	0.04-0.20 / 0.1-0.5	ND	-	Pass
Hexachlorobenzene	0.04-0.20 / 0.1-0.5	ND	-	Pass
Hexaconazole	0.04-0.20 / 0.1-0.5	ND	-	Pass
Hexazinone	0.04-0.20 / 0.1-0.5	ND	-	Pass
3-Hydroxycarbofuran	0.04-0.20 / 0.1-0.5	ND	-	Pass
Indoxacarb*	0.04-0.20 / 0.1-0.5	ND	-	Pass
Isazophos	0.04-0.20 / 0.1-0.5	ND	-	Pass
Isopropalin	0.04-0.20 / 0.1-0.5	ND	-	Pass
Isoproturon	0.04-0.20 / 0.1-0.5	ND	-	Pass
Lindane	0.04-0.20 / 0.1-0.5	ND	-	Pass
Linuron*	0.04-0.20 / 0.1-0.5	ND	-	Pass

If there are any questions with this report, please contact "[iso@anresco.com](mailto:iso@anresco.com)".

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Analyte	LOD / LOQ (µg/g)	Findings (µg/g)	Limit (µg/g)	Status
Mandipropamid	0.04-0.20 / 0.1-0.5	ND	-	Pass
Methamidophos	0.04-0.20 / 0.1-0.5	ND	-	Pass
Methoxychlor*	0.04-0.20 / 0.1-0.5	ND	-	Pass
4-4'-Methoxychlor olefin	0.04-0.20 / 0.1-0.5	ND	-	Pass
Methoxyfenozide	0.04-0.20 / 0.1-0.5	ND	-	Pass
Metolachlor	0.04-0.20 / 0.1-0.5	ND	-	Pass
MGK 264*	0.04-0.20 / 0.1-0.5	ND	-	Pass
Mirex*	0.04-0.20 / 0.1-0.5	ND	-	Pass
Novaluron	0.04-0.20 / 0.1-0.5	ND	-	Pass
5-OH Thiabendazole*	0.04-0.20 / 0.1-0.5	ND	-	Pass
Omethoate*	0.04-0.20 / 0.1-0.5	ND	-	Pass
Oxadiazon	0.04-0.20 / 0.1-0.5	ND	-	Pass
Oxyflourfen	0.04-0.20 / 0.1-0.5	ND	-	Pass
Parathion	0.04-0.20 / 0.1-0.5	ND	-	Pass
Pebulate*	0.04-0.20 / 0.1-0.5	ND	-	Pass
Penconazole	0.04-0.20 / 0.1-0.5	ND	-	Pass
Pendimethalin	0.04-0.20 / 0.1-0.5	ND	-	Pass
Pentachloroaniline	0.04-0.20 / 0.1-0.5	ND	-	Pass
Pentachloroanisole	0.04-0.20 / 0.1-0.5	ND	-	Pass
Pentachlorobenzene	0.04-0.20 / 0.1-0.5	ND	-	Pass
Pentachlorobenzonitrile	0.04-0.20 / 0.1-0.5	ND	-	Pass
2-Phenylphenol	0.04-0.20 / 0.1-0.5	ND	-	Pass
Pirimicarb	0.04-0.20 / 0.1-0.5	ND	-	Pass
Pirimiphos-ethyl	0.04-0.20 / 0.1-0.5	ND	-	Pass
Pirimiphos methyl	0.04-0.20 / 0.1-0.5	ND	-	Pass
Pretilachlor	0.04-0.20 / 0.1-0.5	ND	-	Pass
Prochloraz*	0.04-0.20 / 0.1-0.5	ND	-	Pass
Procymidone	0.04-0.20 / 0.1-0.5	ND	-	Pass
Propamocarb	0.04-0.20 / 0.1-0.5	ND	-	Pass
Propargite	0.04-0.20 / 0.1-0.5	ND	-	Pass
Propisochlor	0.04-0.20 / 0.1-0.5	ND	-	Pass
Propyzamide	0.04-0.20 / 0.1-0.5	ND	-	Pass
Prothiofos	0.04-0.20 / 0.1-0.5	ND	-	Pass
Pymetrozine	0.04-0.20 / 0.1-0.5	ND	-	Pass
Pyraclostrobin	0.04-0.20 / 0.1-0.5	ND	-	Pass
Pyrimethanil	0.04-0.20 / 0.1-0.5	ND	-	Pass
Pyriproxyfen	0.04-0.20 / 0.1-0.5	ND	-	Pass
Quinalphos	0.04-0.20 / 0.1-0.5	ND	-	Pass
Quintozene	0.04-0.20 / 0.1-0.5	ND	-	Pass
Sulfentrazone	0.04-0.20 / 0.1-0.5	ND	-	Pass
Sulfotep	0.04-0.20 / 0.1-0.5	ND	-	Pass
Tau-Fluvalinate	0.04-0.20 / 0.1-0.5	ND	-	Pass
Tebufenozide	0.04-0.20 / 0.1-0.5	ND	-	Pass
Tecnazene	0.04-0.20 / 0.1-0.5	ND	-	Pass
Tefluthrin	0.04-0.20 / 0.1-0.5	ND	-	Pass
Terbutylazine	0.04-0.20 / 0.1-0.5	ND	-	Pass
Tetrachloroaniline	0.04-0.20 / 0.1-0.5	ND	-	Pass
Tetradifon	0.04-0.20 / 0.1-0.5	ND	-	Pass
Thiobencarb	0.04-0.20 / 0.1-0.5	ND	-	Pass
Tolclofos-methyl	0.04-0.20 / 0.1-0.5	ND	-	Pass

If there are any questions with this report, please contact "[iso@anresco.com](mailto:iso@anresco.com)".

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Analyte	LOD / LOQ (µg/g)	Findings (µg/g)	Limit (µg/g)	Status
Transfluthrin	0.04-0.20 / 0.1-0.5	ND	-	Pass
Triadimefon	0.04-0.20 / 0.1-0.5	ND	-	Pass
Triallate	0.04-0.20 / 0.1-0.5	ND	-	Pass
Trichlorfon	0.04-0.20 / 0.1-0.5	ND	-	Pass
Tricyclazole	0.04-0.20 / 0.1-0.5	ND	-	Pass
Triflumizole	0.04-0.20 / 0.1-0.5	ND	-	Pass
Trifluralin	0.04-0.20 / 0.1-0.5	ND	-	Pass
Vamidothion	0.04-0.20 / 0.1-0.5	ND	-	Pass
Vinclozolin	0.04-0.20 / 0.1-0.5	ND	-	Pass

Reported by  
**Anresco, Inc.**

ND = None Detected  
<LOQ = Below Limit of Quantitation




Eric Tam  
Senior Chemist

If there are any questions with this report, please contact "[iso@anresco.com](mailto:iso@anresco.com)".

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