



12025 NE Marx St. Portland, OR 97220
503-253-3511 / www.greenleaflab.org

Green Leaf Lab proudly follows TNI 2009
Quality Standards

LESMCTCC190125 LV LAV 500

Date Sampled: 05/29/19 00:00

Date Accepted: 05/29/19

Cura Wellness

Sample ID: G9E0436-04

Results at a Glance

Total CBD : 1.7768 %

Residual Solvent Analysis : **PASS**

R&D Testing Only – Not Viable for Oregon Compliance Testing

Eric Wendt
Chief Science Officer - 6/5/2019



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Date Sampled: 05/29/19 00:00

Date Accepted: 05/29/19

Cura Wellness

Sample ID: G9E0436-04

Matrix: Products

M #: 1008965

Potency Analysis

Date/Time Extracted: 05/30/19 11:39

Analysis Method/SOP: 215

Date/Time Analyzed: 05/31/19 14:44

Batch Identification: 1922033

Cannabinoids (% weight)	mg/30g unit	Cannabinoids Profile
Total THC ((THCA*0.877)+Δ9)	< LOQ	<p>1.8</p> <p>■ CBD 1.8 Total: 1.8</p>
Total CBD ((CBDA*0.877)+CBD)	533	
THCA < LOQ	< LOQ	
delta 9-THC < LOQ	< LOQ	
delta 8-THC < LOQ	< LOQ	
THCV < LOQ	< LOQ	
CBD 1.7768	533	
CBDA < LOQ	< LOQ	
CBDV < LOQ	< LOQ	
CBDVA < LOQ	< LOQ	
CBN < LOQ	< LOQ	
CBG < LOQ	< LOQ	
CBGA < LOQ	< LOQ	
CBC < LOQ	< LOQ	
CBCA < LOQ	< LOQ	
CBLA < LOQ	< LOQ	
Total Cannabinoids 1.7768	533	

<LOQ - Results below the Limit of Quantitation - Compound not detected. LOQ = 5 PPM (mg/L)

For Potency only delta 9-THC, THCA, CBD, CBDA are ORELAP accredited analytes.

Water Activity Action Level is 0.65. Results above 0.65 fail state testing requirements and will be highlighted Red.

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Quality Standards**LESMCTCC190125 LV LAV 500**

Date Sampled: 05/29/19 00:00

Date Accepted: 05/29/19

Cura Wellness

Sample ID: G9E0436-04

Matrix: Products

M #: 1008965

Residual Solvents

Solvent	Results in ppm	LOQ	Action Level	
Acetone	< LOQ	1000	5000	
Acetonitrile	< LOQ	50.00	410	
Benzene	< LOQ	0.5000	2	
Butanes	< LOQ	1000	5000 ³	
2-Butanol	< LOQ	1000	5000	
Cumene	< LOQ	50.00	70	
Cyclohexane	< LOQ	50.00	3880	
Dichloromethane	< LOQ	50.00	600	
1,4-Dioxane	< LOQ	50.00	380	
2-Ethoxyethanol	< LOQ	50.00	160	
Ethyl acetate	< LOQ	1000	5000	
Ethyl benzene	< LOQ	50.00	2170	
Ethylene glycol	< LOQ	50.00	620	
Ethylene oxide	< LOQ	50.00	50	
Ethyl ether	< LOQ	1000	5000	
Heptane	< LOQ	1000	5000	
Hexanes	83.86	50.00	290 ⁴	
Isopropyl acetate	< LOQ	1000	5000	
Methanol	< LOQ	100.0	3000	
Pentanes	< LOQ	1000	5000 ⁵	
Propane	< LOQ	1000	5000	
2-Propanol (IPA)	< LOQ	1000	5000	
Tetrahydrofuran	< LOQ	50.00	720	
Toluene	< LOQ	50.00	890	
Xylenes	< LOQ	50.00	2170	

Date/Time Extracted: 05/30/19 13:26

Date/Time Analyzed: 06/02/19 16:56

Analysis Method/SOP: 205

Batch Identification: 1922039

3 - Total butanes should be calculated as sum of n-butanes (CAS# 106-97-8) and iso-butane (CAS# 75-28-5)**4** - Total hexanes should be calculated as sum of n-hexane (CAS# 110-54-3), 2-methylpentane (CAS# 107-83-5), 3-methylpentane (CAS# 96-14-0), 2,2-dimethylbutane (CAS# 75-83-2), 2,3-dimethylbutane (CAS# 79-29-8)**5** - Total pentanes should be calculated as sum of n-pentane (CAS# 109-66-0), iso-pentane (CAS# 78-78-4), and neo-pentane (CAS# 463-82-1)**6** - Total xylenes are 1,2-dimethylbenzene (CAS# 95-47-6), 1,3-dimethylbenzene (CAS# 106-42-3), and 1,4-dimethylbenzene (CAS# 106-42-3)

<LOQ - Results below the Limit of Quantitation - Compound not detected

Results above the Action Level fail state testing requirements and will be highlighted **Red**.Eric Wendt
Chief Science Officer - 6/5/2019



Quality Control Potency

Batch: 1922033 - 215-Products

Blank(1922033-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	< LOQ	0.0120	%		05/30/19 11:39	05/30/19 18:25
delta 9-THC	< LOQ	0.0120	%		05/30/19 11:39	05/30/19 18:25
delta 8-THC	< LOQ	0.0120	%		05/30/19 11:39	05/30/19 18:25
THCV	< LOQ	0.0120	%		05/30/19 11:39	05/30/19 18:25
CBD	< LOQ	0.0120	%		05/30/19 11:39	05/30/19 18:25
CBDA	< LOQ	0.0120	%		05/30/19 11:39	05/30/19 18:25
CBDV	< LOQ	0.0120	%		05/30/19 11:39	05/30/19 18:25
CBDVA	< LOQ	0.0120	%		05/30/19 11:39	05/30/19 18:25
CBN	< LOQ	0.0120	%		05/30/19 11:39	05/30/19 18:25
CBG	< LOQ	0.0120	%		05/30/19 11:39	05/30/19 18:25
CBGA	< LOQ	0.0120	%		05/30/19 11:39	05/30/19 18:25
CBC	< LOQ	0.0120	%		05/30/19 11:39	05/30/19 18:25
CBCA	< LOQ	0.0120	%		05/30/19 11:39	05/30/19 18:25
CBLA	< LOQ	0.0120	%		05/30/19 11:39	05/30/19 18:25

Reference(1922033-SRM1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
delta 9-THC	98.0	0.0120	%	80-120	05/30/19 11:39	05/30/19 18:48
CBD	99.3	0.0120	%	80-120	05/30/19 11:39	05/30/19 18:48

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Quality Control Solvent Analysis

Batch: 1922039 - 205

Blank(1922039-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Acetone	< LOQ	1000	ppm		05/30/19 13:26	06/03/19 09:06
Acetonitrile	< LOQ	50.00	ppm		05/30/19 13:26	06/03/19 09:06
Benzene	< LOQ	0.5000	ppm		05/30/19 13:26	06/03/19 09:06
Butanes	< LOQ	1000	ppm		05/30/19 13:26	06/03/19 09:06
2-Butanol	< LOQ	1000	ppm		05/30/19 13:26	06/03/19 09:06
Cumene	< LOQ	50.00	ppm		05/30/19 13:26	06/03/19 09:06
Cyclohexane	< LOQ	50.00	ppm		05/30/19 13:26	06/03/19 09:06
Dichloromethane	< LOQ	50.00	ppm		05/30/19 13:26	06/03/19 09:06
1,4-Dioxane	< LOQ	50.00	ppm		05/30/19 13:26	06/03/19 09:06
2-Ethoxyethanol	< LOQ	50.00	ppm		05/30/19 13:26	06/03/19 09:06
Ethyl acetate	< LOQ	1000	ppm		05/30/19 13:26	06/03/19 09:06
Ethyl benzene	< LOQ	50.00	ppm		05/30/19 13:26	06/03/19 09:06
Ethylene glycol	< LOQ	50.00	ppm		05/30/19 13:26	06/03/19 09:06
Ethylene oxide	< LOQ	50.00	ppm		05/30/19 13:26	06/03/19 09:06
Ethyl ether	< LOQ	1000	ppm		05/30/19 13:26	06/03/19 09:06
Heptane	< LOQ	1000	ppm		05/30/19 13:26	06/03/19 09:06
Hexanes	< LOQ	50.00	ppm		05/30/19 13:26	06/03/19 09:06
Isopropyl acetate	< LOQ	1000	ppm		05/30/19 13:26	06/03/19 09:06
Methanol	< LOQ	100.0	ppm		05/30/19 13:26	06/03/19 09:06
Pentanes	< LOQ	1000	ppm		05/30/19 13:26	06/03/19 09:06
Propane	< LOQ	1000	ppm		05/30/19 13:26	06/03/19 09:06
2-Propanol (IPA)	< LOQ	1000	ppm		05/30/19 13:26	06/03/19 09:06
Tetrahydrofuran	< LOQ	50.00	ppm		05/30/19 13:26	06/03/19 09:06
Toluene	< LOQ	50.00	ppm		05/30/19 13:26	06/03/19 09:06
Xylenes	< LOQ	50.00	ppm		05/30/19 13:26	06/03/19 09:06

LCS(1922039-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Acetone	81.8	1000	ppm	70-130	05/30/19 13:26	06/02/19 12:43
Acetonitrile	90.1	50.00	ppm	70-130	05/30/19 13:26	06/02/19 12:43
Benzene	91.0	0.5000	ppm	70-130	05/30/19 13:26	06/02/19 12:43
n-Butane	56.8	1000	ppm	70-130	05/30/19 13:26	06/02/19 12:43
Butanes	55.9	1000	ppm	70-130	05/30/19 13:26	06/02/19 12:43
2-Butanol	87.9	1000	ppm	70-130	05/30/19 13:26	06/02/19 12:43
Cumene	98.8	50.00	ppm	70-130	05/30/19 13:26	06/02/19 12:43
Cyclohexane	81.2	50.00	ppm	70-130	05/30/19 13:26	06/02/19 12:43
Dichloromethane	83.4	50.00	ppm	70-130	05/30/19 13:26	06/02/19 12:43
1,4-Dioxane	106	50.00	ppm	70-130	05/30/19 13:26	06/02/19 12:43
2-Ethoxyethanol	91.3	50.00	ppm	70-130	05/30/19 13:26	06/02/19 12:43

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Quality Control

Solvent Analysis (Continued)

Batch: 1922039 - 205 (Continued)

LCS(1922039-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Ethyl acetate	90.0	1000	ppm	70-130	05/30/19 13:26	06/02/19 12:43
Ethyl benzene	95.6	50.00	ppm	70-130	05/30/19 13:26	06/02/19 12:43
Ethylene glycol	115	50.00	ppm	70-130	05/30/19 13:26	06/02/19 12:43
Ethylene oxide	65.2	50.00	ppm	70-130	05/30/19 13:26	06/02/19 12:43
Ethyl ether	71.8	1000	ppm	70-130	05/30/19 13:26	06/02/19 12:43
Heptane	81.5	1000	ppm	70-130	05/30/19 13:26	06/02/19 12:43
n-Hexane	74.9	50.00	ppm	70-130	05/30/19 13:26	06/02/19 12:43
Hexanes	73.7	50.00	ppm	70-130	05/30/19 13:26	06/02/19 12:43
iso-Butane	55.0	1000	ppm	70-130	05/30/19 13:26	06/02/19 12:43
Isopropyl acetate	89.1	1000	ppm	70-130	05/30/19 13:26	06/02/19 12:43
iso-Pentane	63.2	1000	ppm	70-130	05/30/19 13:26	06/02/19 12:43
Methanol	69.5	100.0	ppm	70-130	05/30/19 13:26	06/02/19 12:43
2-Methylpentane	74.1	50.00	ppm	70-130	05/30/19 13:26	06/02/19 12:43
3-Methylpentane	74.9	50.00	ppm	70-130	05/30/19 13:26	06/02/19 12:43
neo-Pentane	61.2	1000	ppm	70-130	05/30/19 13:26	06/02/19 12:43
n-Pentane	65.7	1000	ppm	70-130	05/30/19 13:26	06/02/19 12:43
Pentanes	63.4	1000	ppm	70-130	05/30/19 13:26	06/02/19 12:43
Propane	46.8	1000	ppm	70-130	05/30/19 13:26	06/02/19 12:43
2-Propanol (IPA)	87.4	1000	ppm	70-130	05/30/19 13:26	06/02/19 12:43
Tetrahydrofuran	85.0	50.00	ppm	70-130	05/30/19 13:26	06/02/19 12:43
Toluene	97.4	50.00	ppm	70-130	05/30/19 13:26	06/02/19 12:43
Xylenes MP		50.00	ppm	70-130	05/30/19 13:26	06/02/19 12:43
Xylenes O		50.00	ppm	70-130	05/30/19 13:26	06/02/19 12:43

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