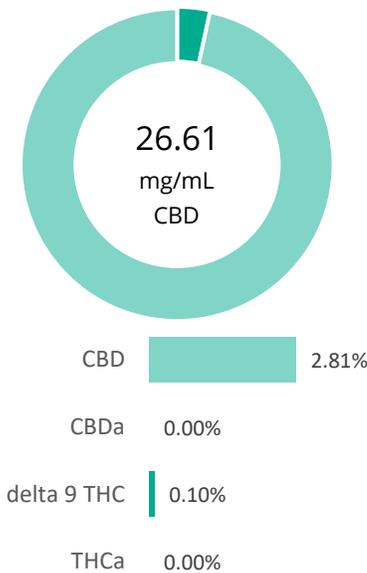


Don Polly Kava Kava Valerian 25mg/ml

Batch ID:	6004627-002R	Test ID:	T000147226
Type:	Solution	Submitted:	06/23/2021 @ 11:16 AM
Test:	Potency	Started:	6/23/2021
Method:	TM14	Reported:	6/24/2021

CANNABINOID PROFILE



Compound	LOQ (mg/mL)	Result (mg/mL)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.13	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.14	0.93	1.0
Cannabidiolic acid (CBDA)	0.13	ND	ND
Cannabidiol (CBD)	0.12	26.61	28.1
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.16	ND	ND
Cannabinolic Acid (CBNA)	0.09	ND	ND
Cannabinol (CBN)	0.04	0.08	0.1
Cannabigerolic acid (CBGA)	0.13	ND	ND
Cannabigerol (CBG)	0.03	0.63	0.7
Tetrahydrocannabivarinic Acid (THCVA)	0.11	ND	ND
Tetrahydrocannabivarin (THCV)	0.03	ND	ND
Cannabidivarinic Acid (CBDVA)	0.05	ND	ND
Cannabidivarin (CBDV)	0.03	0.08	0.1
Cannabichromenic Acid (CBCA)	0.05	ND	ND
Cannabichromene (CBC)	0.06	1.44	1.5
Total Cannabinoids		29.77	31.5
Total Potential THC**		0.93	1.0
Total Potential CBD**		26.61	28.1

NOTES:

Density = 0.94582g/mL

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)

* Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.

** Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step.

$$\text{Total THC} = \text{THC} + (\text{THCa} * 0.877)$$

$$\text{Total CBD} = \text{CBD} + (\text{CBDa} * 0.877)$$

ND = None Detected (Defined by Dynamic Range of the method)

FINAL APPROVAL

 Michele Gagnon 24-Jun-2021 5:27 PM	 Daniel Weidensaul 24-Jun-2021 5:31 PM
PREPARED BY / DATE	APPROVED BY / DATE

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Certificate #4329.02

Don Polly Kava Kava Valerian 25mg/ml

Batch ID:	6004627-002	Test ID:	T000145034
Type:	Edible	Submitted:	06/07/2021 @ 11:22 AM
Test:	Microbial Contaminants	Started:	6/7/2021
Method:	TM24, TM25, TM26, TM27, TM28	Reported:	6/10/2021

MICROBIAL CONTAMINANTS

Contaminant	Result (CFU/g)*
Total Aerobic Count**	None Detected
Total Coliforms**	None Detected
Total Yeast and Molds**	None Detected
E. coli	Absent
E. coli (STEC)	Absent
Salmonella	Absent

* CFU/g = Colony Forming Unit per Gram

** Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form.

Examples: $10^2 = 100$ CFU
 $10^3 = 1,000$ CFU
 $10^4 = 10,000$ CFU
 $10^5 = 100,000$ CFU

NOTES:

Free from visual mold, mildew, and foreign matter

TYM: None Detected

Total Aerobic: None Detected

Coliforms: None Detected

FINAL APPROVAL


Sarah Henning
10-Jun-2021
12:51 PM

PREPARED BY / DATE


Brianne Maillot
10-Jun-2021
1:53 PM

APPROVED BY / DATE

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Certificate #4329.03

Don Polly Kava Kava Valerian 25mg/ml

Batch ID:	6004627-002	Test ID:	T000145033
Type:	Concentrate	Submitted:	06/07/2021 @ 11:22 AM
Test:	Pesticides	Started:	6/9/2021
Method:	TM17	Reported:	6/10/2021

PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	44 - 2766	ND*	Malathion	314 - 2766	ND*
Acetamiprid	42 - 2766	ND*	Metalaxyl	46 - 2766	ND*
Abamectin	>373	ND*	Methiocarb	49 - 2766	ND*
Azoxystrobin	48 - 2766	ND*	Methomyl	42 - 2766	ND*
Bifenazate	48 - 2766	ND*	MGK 264 1	176 - 2766	ND*
Boscalid	52 - 2766	ND*	MGK 264 2	130 - 2766	ND*
Carbaryl	41 - 2766	ND*	Myclobutanil	52 - 2766	ND*
Carbofuran	46 - 2766	ND*	Naled	49 - 2766	ND*
Chlorantraniliprole	54 - 2766	ND*	Oxamyl	42 - 2766	ND*
Chlorpyrifos	53 - 2766	ND*	Paclobutrazol	51 - 2766	ND*
Clofentezine	315 - 2766	ND*	Permethrin	333 - 2766	ND*
Diazinon	313 - 2766	ND*	Phosmet	52 - 2766	ND*
Dichlorvos	>289	ND*	Prophos	330 - 2766	ND*
Dimethoate	43 - 2766	ND*	Propoxur	44 - 2766	ND*
E-Fenpyroximate	342 - 2766	ND*	Pyridaben	327 - 2766	ND*
Etofenprox	52 - 2766	ND*	Spinosad A	32 - 2766	ND*
Etoxazole	330 - 2766	ND*	Spinosad D	89 - 2766	ND*
Fenoxycarb	>47	ND*	Spiromesifen	>312	ND*
Fipronil	68 - 2766	ND*	Spirotetramat	>330	ND*
Flonicamid	49 - 2766	ND*	Spiroxamine 1	20 - 2766	ND*
Fludioxonil	>338	ND*	Spiroxamine 2	27 - 2766	ND*
Hexythiazox	46 - 2766	ND*	Tebuconazole	336 - 2766	ND*
Imazalil	312 - 2766	ND*	Thiacloprid	42 - 2766	ND*
Imidacloprid	46 - 2766	ND*	Thiamethoxam	46 - 2766	ND*
Kresoxim-methyl	46 - 2766	ND*	Trifloxystrobin	46 - 2766	ND*

* ND = None Detected (Defined by Dynamic Range of the method)

N/A

FINAL APPROVAL


 Sam Smith
 10-Jun-2021
 3:34 PM


 Taylor Brevik
 10-Jun-2021
 3:37 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Don Polly Kava Kava Valerian 25mg/ml

Batch ID:	6004627-002	Test ID:	T000145035
Type:	Unit	Submitted:	06/07/2021 @ 11:22 AM
Test:	Metals	Started:	6/9/2021
Method:	TM19	Reported:	6/9/2021

HEAVY METALS

Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.048 - 4.75	ND
Cadmium	0.048 - 4.84	ND
Mercury	0.047 - 4.70	ND
Lead	0.050 - 4.97	ND

* ND = None Detected (Defined by Dynamic Range of the method)

FINAL APPROVAL



Daniel Weidensaul
9-Jun-2021
4:12 PM



Ryan Weems
9-Jun-2021
4:14 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Don Polly Kava Kava Valerian 25mg/ml

Batch ID:	6004627-002R	Test ID:	T000148357
Type:	Concentrate	Submitted:	06/25/2021 @ 08:39 AM
Test:	Residual Solvents	Started:	6/29/2021
Method:	TM04	Reported:	6/29/2021

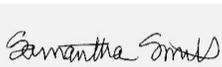
RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	130 - 2598	*ND
Butanes (Isobutane, n-Butane)	260 - 5196	*ND
Methanol	105 - 2101	*ND
Pentane	146 - 2922	*ND
Ethanol	151 - 3016	1297
Acetone	167 - 3333	*ND
Isopropyl Alcohol	176 - 3526	*ND
Hexane	10 - 207	*ND
Ethyl Acetate	166 - 3320	*ND
Benzene	0.3 - 6.8	*ND
Heptanes	159 - 3183	*ND
Toluene	30 - 607	*ND
Xylenes (m,p,o-Xylenes)	221 - 4421	*ND

* ND = None Detected (Defined by Dynamic Range of the method)

NOTES:
N/A

FINAL APPROVAL

Sam Smith
29-Jun-2021
4:09 PMDaniel Weidensaul
29-Jun-2021
4:15 PM

PREPARED BY / DATE

APPROVED BY / DATE

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