

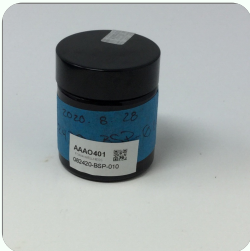
Order #: FOR200831-010026 Order Date: 2020-08-31 Collection Date: 2020-09-02 Report Date: 2020-09-15

Batch #: 082420-BSP-010
Sample #: AAA0401
Specimen Type: CBD/HEMP Derivative Products (External Use)
Extracted From: Hemp
Description: Basic Suppositories

Initial Gross Weight: 76.836 g
Method: SOP-3



Potency **Tested** Microbiology (qPCR) **Passed** pH Level **Tested**



The photos on this report are of a sample collected by the lab and may vary from the final packaging.

Total CBD 8.272%	Total THC 0.016%	Total CBG 0.209%
Total CBN Not Detected	Other Cannabinoids 0.029%	Total Cannabinoids 8.525%

Potency - 17 (Tested)

Analyte	Result (mg/g)	(%)	LOQ (%)	Analyte	Result (mg/g)	(%)	LOQ (%)	Analyte	Result (mg/g)	(%)	LOQ (%)
CBC	<LOQ		0.001	CBCA	<LOQ		0.001	CBD	82.720	8.272	0.001
CBDA	<LOQ		0.001	CBDV	0.290	0.029	0.001	CBDVA	<LOQ		0.001
CBG	2.085	0.209	0.001	CBGA	<LOQ		0.001	CBL	<LOQ		0.001
CBN	<LOQ		0.001	CBNA	<LOQ		0.001	CBT	<LOQ		0.001
Delta-8 THC	<LOQ		0.001	Delta-9 THC	0.156	0.016	0.001	THCA-A	<LOQ		0.001
THCV	<LOQ		0.001	THCVA	<LOQ		0.001	Total CBD	82.720	8.272	0.001
Total THC	0.156	0.016	0.001								

*Total CBD = CBD + (CBD-A * 0.877), *Total THC = THCA-A * 0.877 + Delta 9 THC, *CBG Total = (CBGA * 0.877) + CBG, *CBN Total = (CBNA * 0.877) + CBN, *Other Cannabinoids Total = CBC + CBDV + THCV + THCVA, *Total Detected Cannabinoids = CBD Total + CBG Total + CBN Total + THC Total + CBC + CBDV + THCV + THCVA (mg/g) = Milligram per Gram, , LOQ = Limit of Quantitation, , LOD = Limit of Detection

Xueli Gao Lab Toxicologist
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Aixia Sun Principal Scientist
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Extracted From: Hemp
Description: Basic Suppositories

Initial Gross Weight: 76.836 g
Method: SOP-3



Microbiology (qPCR) (Passed) (qPCR)

Analyte	Result	Analyte	Result	Analyte	Result
Total Aerobic Count	Passed	Total Coliform	Passed	Total Enterobacteriaceae	Passed
Total Yeast/Mold	Passed				

(cfu/g) = Colony Forming Unit per Gram

pH Level (Tested) (pH Meter)

Analyte	Result (pH)
pH Level	4.0

(pH) = potential of Hydrogen

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Certificate of Analysis

Order #: FOR200918-010031 Order Date: 2020-09-18 Collection Date: 2020-09-22 Report Date: 2020-09-29

Batch #: 082420-BSP-010
 Sample #: AAAP565
 Specimen Type: CBD/HEMP Derivative Products (External Use)
 Extracted From: hemp
 Description: Basic Suppository Formulation

Method: SOP-3



Potency Tested	Heavy Metals Passed	Mycotoxins Passed
Pesticides Passed	Residual Solvents Passed	Microbiology (qPCR) Passed
pH Level Tested		

Total CBD 8.272%	Total THC 0.016%	Total CBG 0.209%
Total CBN Not Detected	Other Cannabinoids 0.029%	Total Cannabinoids 8.525%

Potency - 17 (Tested)

(HPLC)

Analyte	Result (mg/g)	(%)	LOQ (%)	Analyte	Result (mg/g)	(%)	LOQ (%)	Analyte	Result (mg/g)	(%)	LOQ (%)
CBC	<LOQ		0.001	CBCA	<LOQ		0.001	CBD	82.720	8.272	0.001
CBDA	<LOQ		0.001	CBDV	0.290	0.029	0.001	CBDVA	<LOQ		0.001
CBG	2.085	0.209	0.001	CBGA	<LOQ		0.001	CBL	<LOQ		0.001
CBN	<LOQ		0.001	CBNA	<LOQ		0.001	CBT	<LOQ		0.001
Delta-8 THC	<LOQ		0.001	Delta-9 THC	0.156	0.016	0.001	THCA-A	<LOQ		0.001
THCV	<LOQ		0.001	THCVA	<LOQ		0.001	Total CBD	82.720	8.272	0.001
Total THC	0.156	0.016	0.001								

*Total CBD = CBD + (CBD-A * 0.877), *Total THC = THCA-A * 0.877 + Delta 9 THC, *CBG Total = (CBGA * 0.877) + CBG, *CBN Total = (CBNA * 0.877) + CBN, *Other Cannabinoids Total = CBC + CBDV + THC + THCV + THCV-A, *Total Detected Cannabinoids = CBD Total + CBG Total + CBN Total + THC Total + CBC + CBDV + THCV + THCV-A (mg/g) = Milligram per Gram, , LOQ = Limit of Quantitation, , LOD = Limit of Detection

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Order #: FOR200918-010031 **Order Date:** 2020-09-18 **Collection Date:** 2020-09-22 **Report Date:** 2020-09-29

Batch #: 082420-BSP-010
Sample #: AAAP565
Specimen Type: CBD/HEMP Derivative Products (External Use)
Extracted From: hemp
Description: Basic Suppository Formulation

Method: SOP-3



Heavy Metals (Passed) (ICP-MS)

Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)	Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)	Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)
Arsenic (As)	1500	<LOQ	100	Cadmium (Cd)	500	<LOQ	100	Lead (Pb)	500	<LOQ	100
Mercury (Hg)	3000	<LOQ	100								

(ppb) = Parts per Billion, (ppb) = (µg/kg), , LOQ = Limit of Quantitation

Mycotoxins (Passed) (LCMS/API/GCMS)

Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)	Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)	Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)
Aflatoxin B1	20	<LOQ	6	Aflatoxin B2	20	<LOQ	6	Aflatoxin G1	20	<LOQ	6
Aflatoxin G2	20	<LOQ	6	Ochratoxin A	20	<LOQ	12				

(ppb) = Parts per Billion, (ppb) = (µg/kg), , LOQ = Limit of Quantitation

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Order #: FOR200918-010031 Order Date: 2020-09-18 Collection Date: 2020-09-22 Report Date: 2020-09-29

Batch #: 082420-BSP-010
 Sample #: AAAP565
 Specimen Type: CBD/HEMP Derivative Products (External Use)
 Extracted From: hemp
 Description: Basic Suppository Formulation

Method: SOP-3



Pesticides FL V4 (Non-Inhalable) (Passed) (LCMS/API/GCMS)

Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)	Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)	Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)
Abamectin	300	<LOQ	28.23	Acephate	3000	<LOQ	30	Acequinocyl	2000	<LOQ	48
Acetamiprid	3000	<LOQ	30	Aldicarb	100	<LOQ	30	Azoxystrobin	3000	<LOQ	10
Bifentazate	3000	<LOQ	30	Bifenthrin	500	<LOQ	30	Boscalid	3000	<LOQ	10
Captan	3000	<LOQ	30	Carbaryl	500	<LOQ	10	Carbofuran	100	<LOQ	10
Chlorantranilprole	3000	<LOQ	10	Chlordane	100	<LOQ	10	Chlorfenapyr	100	<LOQ	30
Chloromequat Chloride	3000	<LOQ	10	Chlorpyrifos	100	<LOQ	30	Clofentezine	500	<LOQ	30
Cypermethrin	1000	<LOQ	30	Coumaphos	100	<LOQ	48	Cyfluthrin	1000	<LOQ	30
Dichlorvos	100	<LOQ	30	Daminozide	100	<LOQ	30	Diazinon	200	<LOQ	30
Ethoprophos	100	<LOQ	30	Dimethoate	100	<LOQ	30	Dimethomorph	3000	<LOQ	48
Fenhexamid	3000	<LOQ	10	Etofenprox	100	<LOQ	30	Etoxazole	1500	<LOQ	30
Fipronil	100	<LOQ	30	Fenoxycarb	100	<LOQ	30	Fenpyroximate	2000	<LOQ	30
Hexythiazox	2000	<LOQ	30	Fonicamid	2000	<LOQ	30	Fludioxonil	3000	<LOQ	48
Kresoxim Methyl	1000	<LOQ	30	Imazalil	100	<LOQ	30	Imidacloprid	3000	<LOQ	30
Methiocarb	100	<LOQ	30	Malathion	2000	<LOQ	30	Metalaxyl	3000	<LOQ	10
Mevinphos	100	<LOQ	10	Methomyl	100	<LOQ	30	methyl-Parathion	100	<LOQ	10
Oxamyl	500	<LOQ	30	Myclobutanil	3000	<LOQ	30	Naled	500	<LOQ	30
Permethrin	1000	<LOQ	30	Paclobutrazol	100	<LOQ	30	Pentachloronitrobenzene	200	<LOQ	10
Prallethrin	400	<LOQ	30	Phosmet	200	<LOQ	30	Piperonylbutoxide	3000	<LOQ	30
Pyrethrins	1000	<LOQ	30	Propiconazole	1000	<LOQ	30	Propoxur	100	<LOQ	30
Spinosad	3000	<LOQ	30	Pyridaben	3000	<LOQ	30	Spinetoram	3000	<LOQ	10
Spiroxamine	100	<LOQ	30	Spiromesifen	3000	<LOQ	30	Spirotetramat	3000	<LOQ	30
Thiamethoxam	1000	<LOQ	30	Tebuconazole	1000	<LOQ	30	Thiacloprid	100	<LOQ	30
				Trifloxystrobin	3000	<LOQ	30				

(ppb) = Parts per Billion, (ppb) = (µg/kg), , LOQ = Limit of Quantitation

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Order #: FOR200918-010031 Order Date: 2020-09-18 Collection Date: 2020-09-22 Report Date: 2020-09-29

Batch #: 082420-BSP-010
 Sample #: AAAP565
 Specimen Type: CBD/HEMP Derivative Products (External Use)
 Extracted From: hemp
 Description: Basic Suppository Formulation

Method: SOP-3



Residual Solvents (CBD) (Passed)

(GC/GCMS)

Analyte	Action Level (ppm)	Result (ppm)	LOQ (ppm)	Analyte	Action Level (ppm)	Result (ppm)	LOQ (ppm)	Analyte	Action Level (ppm)	Result (ppm)	LOQ (ppm)
1,1-Dichloroethene	8	<LOQ	0.16	1,2-dichloroethane	5	<LOQ	0.04	Acetone	5000	<LOQ	2.08
Benzene	2	<LOQ	0.02	Butanes	2000	<LOQ	2.5	Acetonitrile	410	<LOQ	1.17
Ethanol	5000	<LOQ	2.78	Ethyl Acetate	5000	<LOQ	1.11	Chloroform	60	<LOQ	0.04
Ethylene Oxide	5	<LOQ	0.1	Heptane	5000	<LOQ	1.39	Ethyl Ether	5000	<LOQ	1.39
Isopropyl alcohol	500	<LOQ	1.39	Methanol	3000	<LOQ	0.69	Hexane	290	<LOQ	1.17
Pentane	5000	<LOQ	2.08	Propane	2100	<LOQ	5.83	Methylene chloride	600	<LOQ	2.43
Total Xylenes	2170	<LOQ	2.92	Trichloroethylene	80	<LOQ	0.49	Toluene	890	<LOQ	2.92

(ppm) = Parts per Million, (ppm) = (µg/g), , LOQ = Limit of Quantitation

Microbiology (qPCR) (Passed)

(qPCR)

Analyte	Result	Analyte	Result	Analyte	Result
Total Aerobic Count	Passed	Total Coliform	Passed	Total Enterobacteriaceae	Passed
Total Yeast/Mold	Passed				

(cfu/g) = Colony Forming Unit per Gram

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Specimen Type: CBD/HEMP Derivative Products (External Use)
Extracted From: hemp
Description: Basic Suppository Formulation

Method: SOP-3



pH Level (Tested)

(pH
Meter)

Analyte	Result (pH)
pH Level	4.0

(pH) = potential of Hydrogen

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