



Sivan Sleep Gummy
Sample Matrix:
CBD/HEMP
Edibles
(Ingestion)



License No. 800025015
FL License # CMTL-0003
CLIA No. 10D1094068

Certificate of Analysis

Compliance Test

Sivan CBD LLC
PO BOX 378
Point Lookout, New York 11569

Batch # 2021-0320
Batch Date: 2021-08-24
Extracted From: Hemp

Sampling Method: MSP 7.3.1
Test Reg State: Florida

Production Date: 2021-08-24

Order # LAU210903-010018
Order Date: 2021-09-03
Sample # AABV891

Sampling Date: 2021-09-07
Lab Batch Date: 2021-09-07
Completion Date: 2021-09-13

Initial Gross Weight: 213.800 g
Net Weight: 54.437 g

Number of Units: 1
Net Weight per Unit: 3629.133 mg



Product Image

Potency
Tested

Heavy Metals
Passed

Mycotoxins
Passed

Pesticides
Passed

Residual Solvents
Passed

Pathogenic Microbiology
Passed

Listeria Monocytogenes
Passed

Potency - 11
Specimen Weight: 1535.500 mg

Pieces For Panel: 15

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBD	10.000	0.000054	0.001	3.801	0.380
CBN	10.000	0.000014	0.001	2.528	0.253
CBG	10.000	0.000248	0.001	1.614	0.161
CBGA	10.000	0.000008	0.001	0.029	0.003
Delta-9 THC	10.000	0.000013	0.001	0.018	0.002
CBC	10.000	0.000018	0.001	<LOQ	<LOQ
THCV	10.000	0.000007	0.001	<LOQ	<LOQ
Delta-8 THC	10.000	0.000026	0.001	<LOQ	<LOQ
CBDV	10.000	0.000065	0.001	<LOQ	<LOQ
CBDA	10.000	0.000001	0.001	<LOQ	<LOQ
THCA-A	10.000	0.000032	0.001	<LOQ	<LOQ

Tested
(HPLC/LCMS)

Potency Summary

0.002% Total THC	0.073mg	0.380% Total CBD	13.791mg
0.164% Total CBG	5.952mg	0.253% Total CBN	9.182mg
Other Cannabinoids None Detected		Total Cannabinoids	0.799% 28.997mg

Xueli Gao
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Lab Toxicologist

Ailxia Sun
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Lab Director/Principal Scientist



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Order # LAU210903-010018 Order Date: 2021-09-03 Sample # AABV891	Sampling Date: 2021-09-07 Lab Batch Date: 2021-09-07 Completion Date: 2021-09-13	Initial Gross Weight: 213.800 g Net Weight: 54.437 g	Number of Units: 1 Net Weight per Unit: 3629.133 mg

H Heavy Metals Passed (ICP-MS)

Specimen Weight: 253.400 mg

Pieces For Panel: 15 Dilution Factor: 2.000

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

M Mycotoxins Passed (LCMS)

Specimen Weight: 92.780 mg

Pieces For Panel: 15 Dilution Factor: 8.084

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

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Lab Toxicologist

Aixia Sun
Aixia Sun, D.H.Sc., M.Sc., B.Sc., MT (AAB)
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Sivan CBD LLC Batch # 2021-0320 Sampling Method: MSP 7.3.1 Production Date: 2021-08-24
PO BOX 378 Batch Date: 2021-08-24 Test Reg State: Florida
Point Lookout, New York 11569 Extracted From: Hemp

Order # LAU210903-010018 Sampling Date: 2021-09-07 Initial Gross Weight: 213.800 g Number of Units: 1
Order Date: 2021-09-03 Lab Batch Date: 2021-09-07 Net Weight: 54.437 g Net Weight per Unit: 3629.133 mg
Sample # AABV891 Completion Date: 2021-09-13

Pesticides FL V4 Specimen Weight: 92.780 mg **Passed**
(LCMS/GCMS)

Pieces For Panel: 15 Dilution Factor: 8.084

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

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Residual Solvents - FL (CBD) **Passed**
(GCMS)
Specimen Weight: 10.900 mg

Pieces For Panel: 15 Dilution Factor: 1.000

Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)
Acetone	2.08	5000	ND	Benzene	0.02	2	ND
Butanes	2.5	2000	ND	Ethanol	2.78	5000	ND
Ethyl Acetate	1.11	5000	ND	Heptane	1.39	5000	ND
Hexane	1.17	290	ND	Isopropyl alcohol	1.39	500	ND
Methanol	0.69	3000	ND	Pentane	2.08	5000	ND
Propane	5.83	2100	ND	Toluene	2.92	890	ND
Total Xylenes	2.92	2170	ND				

Pathogenic Microbiology SAE (MicroArray) **Passed**
(Micro Array)
Specimen Weight: 1008.230 mg

Pieces For Panel: 15 Dilution Factor: 1.000

Analyte	Result (cfu/g)	Analyte	Result (cfu/g)
Aspergillus flavus	Absence in 1g	Aspergillus fumigatus	Absence in 1g
Aspergillus niger	Absence in 1g	Aspergillus terreus	Absence in 1g
Salmonella	Absence in 1g	STEC E. Coli	Absence in 1g

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Listeria Monocytogenes

Specimen Weight: 994.700 mg

Passed
(qPCR)

Pieces For Panel: 15 Dilution Factor: 1.000

Analyte	Action Level (cfu/g)	Result
Listeria Monocytogenes	1	Absence in 1g

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