10427 Cogdill Road, Suite 500
Knoxville, TN, 37932, US
DEA Number: RK0595249

Kaycha Labs
1000 Mg salve
N/A
Matrix: Derivative

Certificate of Analysis

Sample:KN20912011-002
Harvest/Lot ID: 13676
Batch#: 270ISX
Seed to Sale# N/A
Batch Date: 09/07/22
Sample Size Received: 48 gram
Total Batch Size: N/A
Retail Product Size: 48 gram
Ordered : 09/07/22
Sampled : 09/07/22
Completed: 10/11/22
Sampling Method: N/A

Oct 11, 2022 | Carmens Medicinals

1241 Stirling Rd Suite 101
Dania Beach , FL, 33004, US

PASSED

PRODUCT IMAGE

SAFETY RESULTS

Pesticides	Heavy Metals	Microbials	Mycotoxins	Residuals Solvents	Filth	Water Activity	Moisture
PASSED	PASSED	PASSED	PASSED	PASSED	PASSED	NOT TESTED	NOT TESTED

MISC.

Terpenes
TESTED

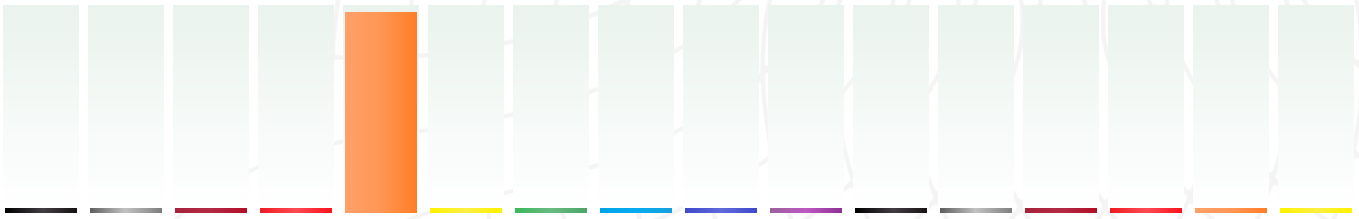
Cannabinoid

PASSED

Total THC
<0.01
Total THC/Container : 0 mg

Total CBD
2.0717%
Total CBD/Container : 994.416 mg

Total Cannabinoids
2.0839%
Total Cannabinoids/Container : 1000.272 mg



	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	EXO-THC	D9-THC	D8-THC	D10-THC	CBC	THCA	D8-THCO	D9-THCO	THC-O
%	0.0122	ND	ND	<0.01	2.0717	<0.01	<0.01	ND	<0.01	ND	ND	<0.01	ND	ND	ND	ND
mg/g	0.122	ND	ND	<0.1	20.717	<0.1	<0.1	ND	<0.1	ND	ND	<0.1	ND	ND	ND	ND
LOD	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.002 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.002 %	0.002 %	0.002 %

Analyzed by: 2368, 2692
Weight: 0.2067g
Extraction date: 09/12/22 10:15:14
Extracted by: 2692

Analysis Method : Expanded Measurement of Uncertainty: Flower Matrix d9-THC:12.7%, THCa: 9.5%, TOTAL THC 11. 1%. These uncertainties represent an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor k=2 for a normal distribution.
Analytical Batch : KN002882POT
Instrument Used : HPLC E-SHI-008
Running on : N/A
Reviewed On : 09/13/22 14:23:53
Batch Date : 09/12/22 10:10:09

Dilution : N/A
Reagent : 062422.02; 070822.R01; 063022.R02
Consumables : 294033242; 270314; 0030220
Pipette : E-GIL-010; E-EPP-081

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV/PDA detection (HPLC-UV/PDA). (Method: SOP.T.30.031.TN for sample prep and Shimadzu High Sensitivity Method SOP.T.40.020 for analysis.). *Based on FL action limits.

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Lab Director
State License # n/a
ISO Accreditation # 17025:2017

Signature

10/11/22
Signed On

10427 Cogdill Road, Suite 500
Knoxville, TN, 37932, US
DEA Number: RK0595249

Kaycha Labs

1000 Mg salve
N/A
Matrix : Derivative

Certificate of Analysis

PASSED

Carmens Medicinals

1241 Stirling Rd Suite 101
Dania Beach , FL, 33004, US
Telephone: (888) 328-6445
Email: info@carmensmedicinals.com

Sample : KN20912011-002
Harvest/Lot ID: 13676
Batch# : 270ISX
Sampled : 09/07/22
Ordered : 09/07/22

Sample Size Received : 48 gram
Total Batch Size : N/A
Completed : 10/11/22 **Expires:** 10/11/23
Sample Method : SOP Client Method

Terpenes

TESTED

Terpenes	LOD (%)	mg/g	%	Result (%)
SABINENE HYDRATE	0.007	ND	ND	
GERANIOL	0.007	ND	ND	
GERANYL ACETATE	0.007	ND	ND	
GUAIOL	0.007	ND	ND	
LIMONENE	0.007	3.943	0.3943	
LINALOOL	0.007	10.68	1.068	
NEROL	0.007	ND	ND	
OCIMENE	0.007	ND	ND	
ALPHA-PHELLANDRENE	0.007	1.762	0.1762	
PULEGONE	0.007	ND	ND	
SABINENE	0.007	1.99	0.199	
GAMMA-TERPINENE	0.007	<0.2	<0.02	
TERPINEOL	0.007	<0.2	<0.02	
TERPINOLENE	0.007	ND	ND	
TRANS-CARYOPHYLLENE	0.007	9.406	0.9406	
TRANS-NEROLIDOL	0.007	ND	ND	
VALENCENE	0.007	ND	ND	
ALPHA-BISABOLOL	0.007	ND	ND	
ALPHA-HUMULENE	0.007	0.4	0.04	
ALPHA-PINENE	0.007	2.871	0.2871	
ALPHA-TERPINENE	0.007	ND	ND	
BETA-MYRCENE	0.007	0.387	0.0387	
BETA-PINENE	0.007	1.775	0.1775	
BORNEOL	0.013	<0.4	<0.04	
CAMPHENE	0.007	ND	ND	
CAMPHOR	0.013	1.313	0.1313	
CARYOPHYLLENE OXIDE	0.007	0.408	0.0408	
CEDROL	0.007	ND	ND	
ALPHA-CEDRENE	0.007	ND	ND	
ISOPULEGOL	0.007	ND	ND	
CIS-NEROLIDOL	0.007	ND	ND	
Total (%)			**5.3693**	

Terpenes	LOD (%)	mg/g	%	Result (%)
3-CARENE	0.007	1.952	0.1952	
FENCHYL ALCOHOL	0.007	ND	ND	
HEXAHYDROTHYMOL	0.007	ND	ND	
EUCALYPTOL	0.007	16.806	1.6806	
ISOBORNEOL	0.007	ND	ND	
FARNESENE	0.007	<0.2	<0.02	
FENCHONE	0.007	ND	ND	

Analyzed by: 2368, 138, 12
Weight: 1.0138g
Extraction date: 09/21/22 12:04:28
Extracted by: 138

Analysis Method : SOP.T.40.090
Analytical Batch : KN002898TER
Instrument Used : E-SHI-109 Terpenes
Running on : N/A

Reviewed On : 09/22/22 15:34:13
Batch Date : 09/14/22 14:05:44

Dilution : 10
Reagent : N/A
Consumables : N/A
Pipette : N/A

Terpenoid profile screening is performed using GC-MS with Liquid Injection (Gas Chromatography – Mass Spectrometer) which can screen 38 terpenes using Method SOP.T.40.090 Terpenoid Analysis Via GC-MS. Analytes ISO Pending

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Sue Ferguson
Lab Director

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ISO Accreditation # 17025:2017

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10/11/22
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Knoxville, TN, 37932, US
DEA Number: RK0595249

Kaycha Labs
1000 Mg salve
N/A
Matrix : Derivative

Certificate of Analysis

PASSED

Carmens Medicinals

1241 Stirling Rd Suite 101
Dania Beach , FL, 33004, US
Telephone: (888) 328-6445
Email: info@carmensmedicinals.com

Sample : KN20912011-002
Harvest/Lot ID: 13676
Batch# : 270ISX
Sampled : 09/07/22
Ordered : 09/07/22

Sample Size Received : 48 gram
Total Batch Size : N/A
Completed : 10/11/22 **Expires:** 10/11/23
Sample Method : SOP Client Method

Pesticides

PASSED

Pesticide	LOQ	Units	Action Level	Pass/Fail	Result
ABAMECTIN	0.25	ppm	0.5	PASS	<LOQ
ACEPHATE	0.2	ppm	0.4	PASS	<LOQ
ACEQUINOCYL	1	ppm	2	PASS	<LOQ
ACETAMIPRID	0.1	ppm	0.2	PASS	<LOQ
ALDICARB	0.2	ppm	0.4	PASS	<LOQ
AZOXYSTROBIN	0.1	ppm	0.2	PASS	<LOQ
BIFENAZATE	0.1	ppm	0.2	PASS	<LOQ
BIFENTHRIN	0.1	ppm	0.2	PASS	<LOQ
BOSCALID	0.2	ppm	0.4	PASS	<LOQ
CARBARYL	0.1	ppm	0.2	PASS	<LOQ
CARBOFURAN	0.1	ppm	0.2	PASS	<LOQ
CHLORANTRANILIPROLE	0.1	ppm	0.2	PASS	<LOQ
CHLORPYRIFOS	0.1	ppm	0.2	PASS	<LOQ
CLOFENTEZINE	0.1	ppm	0.2	PASS	<LOQ
DAMINOZIDE	0.5	ppm	1	PASS	<LOQ
DDVP (DICHLORVOS)	0.5	ppm	1	PASS	<LOQ
DIAZINON	0.1	ppm	0.2	PASS	<LOQ
DIMETHOATE	0.1	ppm	0.2	PASS	<LOQ
ETHOPROPHOS	0.1	ppm	0.2	PASS	<LOQ
ETOFENPROX	0.2	ppm	0.4	PASS	<LOQ
ETOXAZOLE	0.1	ppm	0.2	PASS	<LOQ
FENOXYCARB	0.1	ppm	0.2	PASS	<LOQ
FENPYROXIMATE	0.2	ppm	0.4	PASS	<LOQ
FIPRONIL	0.2	ppm	0.4	PASS	<LOQ
FLONICAMID	0.5	ppm	1	PASS	<LOQ
FLUDIOXONIL	0.2	ppm	0.4	PASS	<LOQ
HEXYTHIAZOX	0.5	ppm	1	PASS	<LOQ
IMAZALIL	0.1	ppm	0.2	PASS	<LOQ
IMIDACLOPRID	0.2	ppm	0.4	PASS	<LOQ
KRESOXIM-METHYL	0.2	ppm	0.4	PASS	<LOQ
MALATHION	0.1	ppm	0.2	PASS	<LOQ
METALAXYL	0.1	ppm	0.2	PASS	<LOQ
METHIOCARB	0.1	ppm	0.2	PASS	<LOQ
METHOMYL	0.2	ppm	0.4	PASS	<LOQ
MYCLOBUTANIL	0.1	ppm	0.2	PASS	<LOQ
NALED	0.25	ppm	0.5	PASS	<LOQ
OXAMYL	0.5	ppm	1	PASS	<LOQ
PACLOBUTRAZOL	0.2	ppm	0.4	PASS	<LOQ
PERMETHRINS	0.1	ppm	0.2	PASS	<LOQ
PHOSMET	0.1	ppm	0.2	PASS	<LOQ
PIPERONYL BUTOXIDE	1	ppm	2	PASS	<LOQ
PRALLETHRIN	0.1	ppm	0.2	PASS	<LOQ
PROPICONAZOLE	0.2	ppm	0.4	PASS	<LOQ
PROPOXUR	0.1	ppm	0.2	PASS	<LOQ
PYRETHRINS	0.5	ppm	1	PASS	<LOQ
PYRIDABEN	0.1	ppm	0.2	PASS	<LOQ

Pesticide	LOQ	Units	Action Level	Pass/Fail	Result
SPINOSAD	0.1	ppm	0.2	PASS	<LOQ
SPIROMESIFEN	0.1	ppm	0.2	PASS	<LOQ
SPIROTETRAMAT	0.1	ppm	0.2	PASS	<LOQ
SPIROXAMINE	0.2	ppm	0.4	PASS	<LOQ
TEBUCONAZOLE	0.2	ppm	0.4	PASS	<LOQ
THIACLOPRID	0.1	ppm	0.2	PASS	<LOQ
THIAMETHOXAM	0.1	ppm	0.2	PASS	<LOQ
TRIFLOXYSTROBIN	0.1	ppm	0.2	PASS	<LOQ
MGK-264 *	0.1	ppm	0.2	PASS	<LOQ
METHYL PARATHION *	0.1	ppm	0.2	PASS	<LOQ
CYPERMETHRIN *	0.5	ppm	1	PASS	<LOQ
CYFLUTHRIN *	0.5	ppm	1	PASS	<LOQ
CHLORFENAPYR *	0.5	ppm	0.5	PASS	<LOQ

Analyzed by: 540, 14, 12, 11, 19 | **Weight:** 0.508g | **Extraction date:** N/A | **Extracted by:** N/A

Analysis Method : SOP.T.30.060, SOP.T.40.060
Analytical Batch : CE001466PES
Instrument Used : LCMSMS 8050 EID:0081-0085
Running on : N/A
Reviewed On : 10/10/22 10:51:28
Batch Date : 10/05/22 11:37:42

Dilution : 10
Reagent : 072022.R12
Consumables : 11/21/25; 210411; 2210449; ASC000G11324BSF; 12543-225CD-225C; 00312590-5 0032165-6 00323608-5 282851; 05511 7552
Pipette : N/A

Samples prepared and quantitatively analyzed by LC-MS/MS & GC-MS/MS. Results above the action level fail Oregon state testing requirements for cannabis and hemp. LOQ= Limit of Quantitation; PPM= Parts per million; ND= Not detected; NT= Not tested; AC= Above calibration range. PASS/FAIL status based on OAR 333-007-0400.

Analyzed by: 540, 14, 12, 11 | **Weight:** 0.508g | **Extraction date:** N/A | **Extracted by:** N/A

Analysis Method : SOP.T.30.060, SOP.T.40.060
Analytical Batch : CE001469VOL
Instrument Used : GCMS-TQ8040 EID:0133
Running on : N/A
Reviewed On : 10/10/22 10:32:16
Batch Date : 10/05/22 12:05:51

Dilution : 10
Reagent : 072022.R12
Consumables : 11/21/25; 210411; 2210449; ASC000G11324BSF; 12543-225CD-225C; 00312590-5 0032165-6 00323608-5 282851; 05511 7552; 9792001
Pipette : N/A

Testing for agricultural agents is performed utilizing Liquid Chromatography Triple-Quadrupole Mass Spectrometry and Gas Chromatography Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.

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Sue Ferguson
Lab Director
State License # n/a
ISO Accreditation # 17025:2017

Signature

10/11/22
Signed On

10427 Cogdill Road, Suite 500
Knoxville, TN, 37932, US
DEA Number: RK0595249

Kaycha Labs
1000 Mg salve
N/A
Matrix : Derivative

Certificate of Analysis

PASSED

Carmens Medicinals

1241 Stirling Rd Suite 101
Dania Beach , FL, 33004, US
Telephone: (888) 328-6445
Email: info@carmensmedicinals.com

Sample : KN20912011-002
Harvest/Lot ID: 13676
Batch# : 270ISX
Sampled : 09/07/22
Ordered : 09/07/22

Sample Size Received : 48 gram
Total Batch Size : N/A
Completed : 10/11/22 **Expires:** 10/11/23
Sample Method : SOP Client Method

Residual Solvents

PASSED

Solvents	LOD	Units	Action Level	Pass/Fail	Result
PROPANE	500	ppm	2100	PASS	ND
BUTANES (N-BUTANE)	500	ppm	2000	PASS	ND
METHANOL	25	ppm	3000	PASS	ND
ETHYLENE OXIDE	0.5	ppm	5	PASS	ND
PENTANES (N-PENTANE)	75	ppm	5000	PASS	ND
ETHANOL	500	ppm	5000	PASS	ND
ETHYL ETHER	50	ppm	5000	PASS	ND
1.1-DICHLOROETHENE	0.8	ppm	8	PASS	ND
ACETONE	75	ppm	5000	PASS	ND
2-PROPANOL	50	ppm	500	PASS	ND
ACETONITRILE	6	ppm	410	PASS	ND
DICHLOROMETHANE	12.5	ppm	600	PASS	ND
N-HEXANE	25	ppm	290	PASS	ND
ETHYL ACETATE	40	ppm	5000	PASS	ND
CHLOROFORM	0.2	ppm	60	PASS	ND
BENZENE	0.1	ppm	2	PASS	ND
1,2-DICHLOROETHANE	0.2	ppm	5	PASS	ND
HEPTANE	500	ppm	5000	PASS	ND
TRICHLOROETHYLENE	2.5	ppm	80	PASS	ND
TOLUENE	15	ppm	890	PASS	ND
TOTAL XYLENES - M, P & O - DIMETHYLBENZENE	15	ppm	2170	PASS	ND

Analyzed by: N/A
Weight: N/A
Extraction date: N/A
Extracted by: N/A

Analysis Method : SOP.T.40.032
Analytical Batch : KN002878SOL
Instrument Used : E-SHI-106 Residual Solvents
Running on : N/A

Reviewed On : 09/22/22 15:33:04
Batch Date : 09/09/22 10:06:59

Dilution : N/A
Reagent : N/A
Consumables : N/A
Pipette : N/A

Residual solvents analysis is performed using GC-MS which can detect below single digit ppm concentrations. Currently we analyze for 22 residual solvents. (Method: SOP.T.40.032 Residual Solvents Analysis via GC-MS). *Based on FL action limits.

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Knoxville, TN, 37932, US
DEA Number: RK0595249

Kaycha Labs

1000 Mg salve
N/A
Matrix : Derivative

Certificate of Analysis

PASSED

Carmens Medicinals

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Dania Beach , FL, 33004, US
Telephone: (888) 328-6445
Email: info@carmensmedicinals.com

Sample : KN20912011-002
Harvest/Lot ID: 13676
Batch# : 270ISX
Sampled : 09/07/22
Ordered : 09/07/22

Sample Size Received : 48 gram
Total Batch Size : N/A
Completed : 10/11/22 **Expires:** 10/11/23
Sample Method : SOP Client Method

Microbial — PASSED

Analyte	LOD	Units	Result	Pass / Fail	Action Level
ESCHERICHIA COLI SHIGELLA SPP			Not Present	PASS	
SALMONELLA SPECIFIC GENE			Not Present	PASS	
ASPERGILLUS FLAVUS			Not Present	PASS	
ASPERGILLUS FUMIGATUS			Not Present	PASS	
ASPERGILLUS NIGER			Not Present	PASS	
ASPERGILLUS TERREUS			Not Present	PASS	

Analyzed by: 2657 **Weight:** 1.0666g **Extraction date:** 09/12/22 14:12:49 **Extracted by:** 2657

Analysis Method : SOP.T.40.043
Analytical Batch : KN002876MIC
Instrument Used : Micro E-HEW-069
Running on : N/A
Reviewed On : 09/14/22 17:02:41
Batch Date : 09/09/22 08:46:26

Dilution : N/A
Reagent : N/A
Consumables : N/A
Pipette : N/A

Mycotoxins — PASSED

Analyte	LOD	Units	Result	Pass / Fail	Action Level
AFLATOXIN G2	0.002	ppm	ND	PASS	0.02
AFLATOXIN G1	0.002	ppm	ND	PASS	0.02
AFLATOXIN B2	0.002	ppm	ND	PASS	0.02
AFLATOXIN B1	0.002	ppm	ND	PASS	0.02
OCHRATOXIN A+	0.002	ppm	ND	PASS	0.02
TOTAL MYCOTOXINS	0.002	ppm	ND	PASS	0.02

Analyzed by: 2803 **Weight:** 0.5088g **Extraction date:** 09/20/22 10:09:08 **Extracted by:** 2803

Analysis Method : SOP.T.30.060, SOP.T.40.060
Analytical Batch : KN002919MYC
Instrument Used : E-SHI-125 Mycotoxins
Running on : N/A
Reviewed On : 09/20/22 15:45:45
Batch Date : 09/20/22 10:20:38

Dilution : 0.01
Reagent : N/A
Consumables : N/A
Pipette : N/A

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T.30.060 for Sample Preparation and SOP.T40.065 Procedure for Mycotoxins Quantification Using LCMSMS. LOQ 5.0 ppb). *Based on FL action limits.

Heavy Metals — PASSED

Metal	LOD	Units	Result	Pass / Fail	Action Level
ARSENIC-AS	0.02	ppm	ND	PASS	1.5
CADMIUM-CD	0.02	ppm	ND	PASS	0.5
MERCURY-HG	0.02	ppm	ND	PASS	3
LEAD-PB	0.02	ppm	ND	PASS	0.5

Analyzed by: 138, 12 **Weight:** 0.2573g **Extraction date:** 09/15/22 17:16:38 **Extracted by:** 138

Analysis Method : SOP.T.40.050, SOP.T.30.052
Analytical Batch : KN002896HEA
Instrument Used : Metals ICP/MS
Running on : N/A
Reviewed On : 09/22/22 15:42:02
Batch Date : 09/14/22 11:54:02

Dilution : 50
Reagent : N/A
Consumables : N/A
Pipette : N/A

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma – Mass Spectrometer) which can screen down to single digit ppb concentrations for regulated heavy metals using Method SOP.T.30.082 Sample Preparation for Heavy Metals Analysis via ICP-MS and SOP.T.40.082TN Heavy Metals Analysis via ICP-MS.

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Lab Director
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ISO Accreditation # 17025:2017

Signature

10/11/22
Signed On

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DEA Number: RK0595249

Kaycha Labs
1000 Mg salve
N/A
Matrix : Derivative

Certificate of Analysis

PASSED

Carmens Medicinals

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Telephone: (888) 328-6445
Email: info@carmensmedicinals.com

Sample : KN20912011-002
Harvest/Lot ID: 13676
Batch# : 270ISX
Sampled : 09/07/22
Ordered : 09/07/22

Sample Size Received : 48 gram
Total Batch Size : N/A
Completed : 10/11/22 **Expires:** 10/11/23
Sample Method : SOP Client Method

Filth/Foreign Material — PASSED

Analyte	LOD	Units	Result	P/F	Action Level
Filth and Foreign Material	1	detect/g	ND	PASS	3

Analyzed by:	Weight:	Extraction date:	Extracted by:
2657	0.5899g	09/12/22 14:35:23	2657

Analysis Method : SOP.T.30.074, SOP.T.40.074
Analytical Batch : KN002868FIL
Instrument Used : E-AMS-138 Microscope
Running on : N/A

Reviewed On : 09/13/22 17:30:32
Batch Date : 09/07/22 10:21:33

Dilution : N/A
Reagent : N/A
Consumables : N/A
Pipette : N/A

This includes but is not limited to hair, insects, feces, packaging contaminants, and manufacturing waste and by-products. A SW-2T13 Stereo Microscope is use for inspection.

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Signature

10/11/22
Signed On