



# Certificate of Analysis

Sample: DE30911001-001

Batch#: CO HEMP/7500

Seed to Sale# 1A4000B00010D25000003352

Sample Size Received: 50 mg

Total Amount: 50 mg

Retail Product Size: 50 mg

Ordered: 09/06/23

Sampled: 09/06/23

Completed: 09/18/23

**PASSED**

Pages 1 of 5

Sep 18, 2023 | Zuuz (Core Labs LLC)

License # 405R-00011

7533 Sunwood Dr.

Ramsey, MN, 55303, US

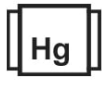
PRODUCT IMAGE



SAFETY RESULTS



Pesticides  
PASSED



Heavy Metals  
PASSED



Microbials  
PASSED



Mycotoxins  
PASSED



Residuals Solvents  
NOT TESTED



Filtration  
PASSED



Water Activity  
NOT TESTED



Moisture  
NOT TESTED



Homogeneity Testing  
NOT TESTED



Terpenes  
NOT TESTED

MISC.

**Cannabinoid** **PASSED**



Total THC  
**0.0811%**



Total CBD  
**ND**



Total Cannabinoids  
**0.0811%**

	TOTAL OR (S)-HHC	CBDV	CBDVA	CBG	CBD	CBDa	THCV	CBGA	CBN	EXO-THC	CBDQ	D9-THC	D8-THC	CBL	THCVA	CBC	D10-THC	CBNA	THCA	CBCA	CBLA	THC-D-ACE TATE
%	ND	ND	ND	ND	ND	ND	ND	ND	<0.0041	<0.0076	ND	0.0811	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
mg/g	ND	ND	ND	ND	ND	ND	ND	ND	<0.041	<0.076	ND	0.811	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LoD	0.0100	0.0015	0.0010	0.0021	0.0014	0.0014	0.0012	0.0003	0.0013	0.0025	0.0148	0.0012	0.0023	0.0052	0.0014	0.0010	0.0021	0.0018	0.0019	0.0001	0.0010	0.0004
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%

Analyzed by: 1642, 2, 2080      Weight: 4.6736g      Extraction date: 09/12/23 10:15:14      Extracted by: 2721,1642

Analysis Method : SOP.T.40.039.CO      Analytical Batch : DE006335POT      Instrument Used : Agilent 1100 "Falcor"      Analyzed Date : 09/12/23 20:17:32      Reviewed On : 09/14/23 08:39:50      Batch Date : 09/12/23 06:40:24

Dilution : 40  
Reagent : 071023.R25; 080723.R17; 090523.R19; 091123.R01  
Consumables : 2210521482; 070822C; 2014919; 0000179471; 303122060; 121621CH011226A; 923C4-923AK; 61572-107C6-107H  
Pipette : P1000 - 20B29164-A; P200 - 6507768

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with DAD detection (HPLC-UV). Method SOP.T.90.010.CO for reporting. Lower limit of linearity for all cannabinoids is 1 mg/L.

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**Dane Oberhill**

Lab Director

State License # 405R-00011

405-00008

ISO 17025 Accreditation # 4331.01



Signature

09/18/23



# Certificate of Analysis

**PASSED**

Zuuz (Core Labs LLC)

7533 Sunwood Dr.  
Ramsey, MN, 55303, US  
Telephone: (612) 356-7140  
Email: max@thecorelabs.com  
License # : 405R-00011

Sample : DE30911001-001

Batch# : CO HEMP/7500  
Sampled : 09/06/23  
Ordered : 09/06/23  
Sample Size Received : 50 mg  
Total Amount : 50 mg  
Completed : 09/18/23 Expires: 09/18/24  
Sample Method : SOP Client Method

Page 2 of 5

Pesticides												<b>PASSED</b>	
Pesticide	LOD	Units	Action Level	Pass/Fail	Result	Pesticide	LOD	Units	Action Level	Pass/Fail	Result		
ABAMECTIN	0.0139	ppb	100	PASS	ND	HEXYTHIAZOX	0.1977	ppb	10	PASS	ND		
AZOXYSTROBIN	0.1122	ppb	20	PASS	4.8848	KRESOXIM-METHYL	0.5115	ppb	150	PASS	ND		
BIFENAZATE	0.3285	ppb	20	PASS	ND	METHIOCARB	2.3105	ppb	10	PASS	ND		
BIFENTHRIN	0.3469	ppb	1000	PASS	ND	METHOMYL	0.3790	ppb	25	PASS	ND		
BOSCALID	0.3057	ppb	20	PASS	ND	METHOPRENE	0.4892	ppb	2000	PASS	ND		
CARBARYL	0.3165	ppb	50	PASS	ND	MEVINPHOS	0.0432	ppb	25	PASS	ND		
CHLORPYRIFOS	0.2889	ppb	40	PASS	9.5823	MGK-264	0.1438	ppb	50	PASS	ND		
CLOTHIANIDIN	0.5370	ppb	50	PASS	ND	NALED	0.4305	ppb	100	PASS	ND		
CYHALOTHRIN-LAMBDA	1.8598	ppb	250	PASS	ND	NOVALURON	0.2164	ppb	25	PASS	ND		
DICHLORVOS	0.9888	ppb	100	PASS	ND	PHOSMET	0.2483	ppb	20	PASS	ND		
DIMETHOATE	0.2585	ppb	20	PASS	ND	OXAMYL	0.3760	ppb	1500	PASS	ND		
DINOTEFURAN	0.4004	ppb	100	PASS	ND	PIPERONYL BUTOXIDE	0.3284	ppb	1250	PASS	ND		
DIURON	0.7923	ppb	125	PASS	ND	PACLOBUTRAZOL	1.4227	ppb	10	PASS	ND		
ETOXAZOLE	0.1839	ppb	20	PASS	ND	PIRIMICARB	0.3458	ppb	10	PASS	ND		
IMAZALIL	0.4019	ppb	50	PASS	ND	PHENOTHRIN	0.3060	ppb	50	PASS	ND		
IMIDACLOPRID	0.2650	ppb	20	PASS	ND	PRALLETHRIN	0.6623	ppb	50	PASS	ND		
MALATHION	0.3036	ppb	20	PASS	ND	PROPOXUR	0.7835	ppb	10	PASS	ND		
METALAXYL	0.2756	ppb	20	PASS	ND	PRYACLOSTROBIN	0.2379	ppb	10	PASS	ND		
MYCLOBUTANIL	0.4417	ppb	20	PASS	ND	PYRETHRINS	0.1810	ppb	50	PASS	ND		
PERMETHRINS	0.2109	ppb	500	PASS	ND	PYRIDABEN	0.2980	ppb	20	PASS	ND		
PROPICONAZOLE	0.5658	ppb	100	PASS	ND	RESMETHRIN	0.2008	ppb	50	PASS	ND		
PYRIPROXYFEN	0.8551	ppb	10	PASS	ND	SPINETORAM	0.1177	ppb	10	PASS	ND		
SPINOSAD	0.0545	ppb	100	PASS	ND	SPIRODICLOFEN	0.1830	ppb	250	PASS	ND		
SPINOMESIFEN	0.2912	ppb	3000	PASS	ND	SPIROXAMINE	0.3745	ppb	100	PASS	ND		
SPIROTETRAMAT	0.4266	ppb	20	PASS	ND	TEBUFENOZIDE	0.2154	ppb	10	PASS	ND		
TEBUCONAZOLE	0.3302	ppb	50	PASS	ND	TEFLUBENZURON	0.4437	ppb	25	PASS	ND		
THIABENDAZOLE	0.8056	ppb	20	PASS	ND	TETRACHLORVINPHOS	0.1330	ppb	10	PASS	ND		
THIAMETHOXAM	0.3232	ppb	20	PASS	ND	TETRAMETHRIN	0.2380	ppb	100	PASS	ND		
ACEPHATE	0.2755	ppb	50	PASS	ND	THIACLOPRID	0.3999	ppb	10	PASS	ND		
ACEQUINOCL	0.2707	ppb	30	PASS	ND	THIOPHONATE-METHYL	1.2413	ppb	50	PASS	ND		
ACEAMIPRID	0.2250	ppb	50	PASS	ND	TRIFLOXYSTROBIN	0.1938	ppb	10	PASS	5.6061		
ALDICARB	0.4206	ppb	500	PASS	ND	CHLORPHENAPYR	0.4120	ppb	1500	PASS	ND		
ALLETHRIN	0.3601	ppb	100	PASS	ND	ENDOSULFAN SULFATE	0.4196	ppb	2500	PASS	ND		
ATRAZINE	1.0640	ppb	25	PASS	ND	ENDOSULFAN-ALPHA	0.5956	ppb	2500	PASS	ND		
AZADIRACTIN	1.1979	ppb	500	PASS	ND	ENDOSULFAN-BETA	0.5555	ppb	2500	PASS	ND		
BENZOVINDIFLUPYR	0.3651	ppb	10	PASS	ND	ETRIDIAZOLE	1.2221	ppb	150	PASS	ND		
BUPROFEZIN	0.3000	ppb	20	PASS	ND	FENTHION	0.3118	ppb	10	PASS	ND		
CARBOFURAN	0.3317	ppb	10	PASS	ND	IPRODIONE	0.2738	ppb	500	PASS	ND		
CHLORANTRANILIPROLE	0.4629	ppb	20	PASS	ND	KINOPRENE	1.7294	ppb	1250	PASS	ND		
CLOFENTZINE	0.3505	ppb	10	PASS	ND	PARATHION-METHYL	0.2709	ppb	50	PASS	ND		
COUMAPHOS	0.2529	ppb	10	PASS	ND	QUINTOZENE	0.2693	ppb	20	PASS	ND		
CYANTRANILIPROLE	0.5411	ppb	10	PASS	ND	OTHER PESTICIDES	0.1000	ppb	100	PASS	ND		
CYFLUTHRIN	0.6072	ppb	200	PASS	ND								
CYPERMETHRIN	0.3065	ppb	300	PASS	ND								
CYPRODINIL	0.4377	ppb	10	PASS	ND								
DAMINOZIDE	4.9907	ppb	100	PASS	ND								
DELTA METHRIN	0.8431	ppb	500	PASS	ND								
DIAZINON	0.2055	ppb	20	PASS	ND								
DIMETHOMORPH	0.1014	ppb	50	PASS	ND								
DODEMORPH	0.2713	ppb	50	PASS	ND								
ETHOPROPHOS	0.4738	ppb	10	PASS	ND								
FIPRONIL	0.2707	ppb	10	PASS	ND								
ETOFENPROX	0.4114	ppb	50	PASS	ND								
FENHEXAMID	0.9450	ppb	125	PASS	ND								
FENYOXYCARB	0.4316	ppb	20	PASS	ND								
FENPYROXIMATE	0.3098	ppb	20	PASS	ND								
FENSULFOTHION	0.3684	ppb	10	PASS	ND								
FENVALERATE	0.5416	ppb	100	PASS	ND								
FLONICAMID	0.3493	ppb	25	PASS	ND								
FLUDIOXONIL	0.2632	ppb	10	PASS	ND								
FLUOPYRAM	0.3817	ppb	10	PASS	ND								

Analyzed by: 1642, 2319, 7, 2080  
 Weight: 0.2078g  
 Extraction date: 09/11/23 12:13:39  
 Extracted by: 2318  
 Analysis Method : SOP-060 (R5)  
 Analytical Batch : DE006311PES  
 Instrument Used : Sciex 7500 Qtrap "Hades" - Pesticides  
 Dilution : 20  
 Reagent : 090923.R10; 090923.R12; 090923.R09; 090923.R01; 090923.R08; 072423.R12; 090923.R02; 090923.R07; 072423.R10; 082723.R07; 082823.R26; 083023.R15; 071623.R24; 091023.R10; 092622.06; 090923.R11  
 Consumables : 2210521482; 2014919; 00339105-4; 0000179471; 121621CH011226A; 61572-107C6-107H  
 Pipette : N/A  
 Reviewed On : 09/15/23 15:57:48  
 Batch Date : 09/11/23 11:09:28  
 Analyzed Date : 09/13/23 19:36:57  
 Pesticide screen is performed using LC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides via SOP-060 (R5).

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**Dane Oberhill**

Lab Director

State License # 405R-00011

405-00008

ISO 17025 Accreditation # 4331.01

Signature

09/18/23



# Certificate of Analysis

**PASSED**



Zuuz (Core Labs LLC)


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License #: 405R-00011

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Sample Method : SOP Client Method

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 <b>Microbial</b> <span style="float: right;"><b>PASSED</b></span>						 <b>Mycotoxins</b> <span style="float: right;"><b>PASSED</b></span>					
Analyte	LOD	Units	Result	Pass / Fail	Action Level	Analyte	LOD	Units	Result	Pass / Fail	Action Level
<b>TOTAL YEAST AND MOLD</b>	100	cfu/g	ND	PASS	10000	<b>AFLATOXINS</b>	0.0539	ppb	ND	PASS	20
<b>SHIGA TOXIN PRODUCING ESCHERICHIA COLI STEC SALMONELLA SPECIES</b>			Not Present	PASS		<b>AFLATOXIN B1</b>	0.1530	ppb	ND	PASS	20
<b>TOTAL AEROBIC</b>	10	cfu/g	ND	PASS	10000	<b>AFLATOXIN B2</b>	0.0823	ppb	ND	PASS	20
<b>TOTAL COLIFORM</b>	10	cfu/g	ND	PASS	100	<b>AFLATOXIN G1</b>	0.0539	ppb	ND	PASS	20
						<b>AFLATOXIN G2</b>	0.2270	ppb	ND	PASS	20
						<b>OCHRATOXIN A+</b>	0.0117	ppb	ND	PASS	20
<b>Analyzed by:</b> 2792, 5, 2, 2080	<b>Weight:</b> 4.2g	<b>Extraction date:</b> 09/11/23 15:38:53	<b>Extracted by:</b> 2792			<b>Analyzed by:</b> 2318, 7, 2791, 2080	<b>Weight:</b> 0.2078g	<b>Extraction date:</b> 09/11/23 12:06:03	<b>Extracted by:</b> 2318		
<b>Analysis Method :</b> SOP.T.40.057.CO; SOP.T.40.209.CO						<b>Analysis Method :</b> SOP-060 (R5)					
<b>Analytical Batch :</b> DE006329MIC						<b>Analytical Batch :</b> DE006333MYC					
<b>Instrument Used :</b> Microbial - Full Panel						<b>Instrument Used :</b> Sciex 6500 Qtrap "Felicia" - Mycotoxins					
<b>Analyzed Date :</b> 09/11/23 15:40:19						<b>Analyzed Date :</b> 09/11/23 15:27:19					
<b>Dilution :</b> N/A						<b>Dilution :</b> 20					
<b>Reagent :</b> 090723.R09; 091123.R10; 090723.R03; 090223.R02; 082123.R12; 082323.R08; 091123.R02; 082823.R12; 083023.R16; 081823.R05; 090223.R01; 062023.07; 080923.07; 101122.02; 090823.01; 041323.30; 090623.R08; 090523.R04; 062923.09						<b>Reagent :</b> 090923.R10; 090923.R12; 090923.R09; 090923.R01; 090923.R08; 072423.R12; 090923.R02; 090923.R07; 072423.R10; 082723.R07; 073123.R01; 091023.R01; 082023.R01; 092622.06; 090923.R11; 091023.R10					
<b>Consumables :</b> 61899-C11C6-311E; 411171-135C4-135AI; 010222CH03; 1; 211016-687-A; 2; DR 20230612_CatNo.1193A96; 3; 00111; 4; CH 2242419; 41141-130C4-130D; 5; 40960-040C4-040AL; CJ209G2; 6; 7; P1000160; 8; MSB1001; RB-1050; 9; 10						<b>Consumables :</b> 2210521482; 2014919; 00339105-4; 0000179471; 121621CH011226A; 61572-107C6-107H					
<b>Pipette :</b> M - O48453J; M - L47149J; M - 20F92851; M - MV21601; M - MU03680; M - M32141C; M - 20C40454; M - 22G22702; M - 6537603; M - MU06201; M - N65633K; M - K94440L; M - 20E73249; M - G19154L; M - P67199J; M - Q29305K; M - Q36416J; M - J46789J; M - J55715J; M - O52710K; M - N1563K; M - O34081K						<b>Pipette :</b> N/A					
Aflatoxins B1, B2, G1, G2, and Ochratoxin A testing using LC-MS via SOP-060 (R5). Total Aflatoxins (Aflatoxin B1, B2, G1, G2) must be < 20µg/Kg. Ochratoxins must be < 5µg/Kg.											

 <b>Heavy Metals</b> <span style="float: right;"><b>PASSED</b></span>					
Metal	LOD	Units	Result	Pass / Fail	Action Level
<b>ARSENIC</b>	0.0048	ppm	<0.0144	PASS	1.5
<b>CADMIUM</b>	0.0016	ppm	ND	PASS	0.5
<b>MERCURY</b>	0.0008	ppm	ND	PASS	1
<b>LEAD</b>	0.0039	ppm	<0.0117	PASS	1
<b>Analyzed by:</b> 7, 2, 2080	<b>Weight:</b> 0.2225g	<b>Extraction date:</b> 09/12/23 17:06:20	<b>Extracted by:</b> 666,2494		
<b>Analysis Method :</b> SOP.T.40.081.CO					
<b>Analytical Batch :</b> DE006330HEA					
<b>Instrument Used :</b> Shimadzu 2030 ICP-MS "Alice"					
<b>Analyzed Date :</b> 09/14/23 13:24:06					
<b>Dilution :</b> 50					
<b>Reagent :</b> 090523.R16; 082721.13; 090523.R11; 090523.R10; 031323.14; 082923.23; 082123.R06; 043023.01					
<b>Consumables :</b> 23133; 11922032; 010222CH03; 234422					
<b>Pipette :</b> P10- MU13938; P200- 8516758; HEA-19H16763					

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma - Mass Spectrometer) which can screen to below single digit ppb concentrations for regulated heavy metals using method SOP.T.40.081.CO. Sample preparation for Heavy Metals Analysis via SOP.T.30.081.CO.

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**Dane Oberhill**

Lab Director

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405-00008

ISO 17025 Accreditation # 4331.01



Signature

09/18/23



879 Federal Blvd  
 Denver, CO, 80204, US  
 (303) 427-2379

Kaycha Labs

.....  
 party Mix Gummies  
 N/A  
 Matrix : Infused  
 Type: Hemp Edible or Beverage



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	<b>Filth/Foreign Material</b>	<b>PASSED</b>
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Analyte	LOD	Units	Result	P/F	Action Level
Filth and Foreign Material	0.3000	detect/g	ND	PASS	0.9
Analyzed by: N/A	Weight: NA	Extraction date: N/A	Extracted by: N/A		
Analysis Method : N/A		Reviewed On : 09/11/23 09:52:19			
Analytical Batch : N/A		Batch Date : N/A			
Instrument Used : N/A					
Analyzed Date : N/A					
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. An SH-2B/T Stereo Microscope is use for inspection.

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 405-00008

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Signature  
 09/18/23



879 Federal Blvd  
Denver, CO, 80204, US  
(303) 427-2379

Kaycha Labs

party Mix Gummies  
N/A

Matrix : Infused

Type: Hemp Edible or Beverage



# Certificate of Analysis

**PASSED**

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Email: max@thecorelabs.com  
License # : 405R-00011

Sample : DE30911001-001

Batch# : CO HEMP/7500  
Sampled : 09/06/23  
Ordered : 09/06/23

Sample Size Received : 50 mg  
Total Amount : 50 mg  
Completed : 09/18/23 Expires: 09/18/24  
Sample Method : SOP Client Method

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## COMMENTS

\* Cannabinoid DE30911001-001POT

1 - Measurement Uncertainty for delta-9 THC (wt%, Infused) 95% interval : 0.07, Measurement Uncertainty for THCA (wt%, Infused) 95% interval : 0.05

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