



License #: MMTC-2019-0018
Order #: 85790
Retail Batch #: SB4-PPZ202403130001-LTJFS-T1-1

Cookies

CERTIFICATE OF ANALYSIS
ISO/IEC: 17025:2017 Accreditation #:
103104
License #: CMTL-0004

Order Information

Order #: 85790
Order Name: Natures Lab Extracts - Popper Z - Full Spec Live Rosin - T1 - 2g
Retail Batch #: SB4-PPZ202403130001-LTJFS-T1-1
Received: 03/15/2024 18:53:21
Complete: 03/19/2024 16:53:02

Harvest/Lot ID: SB4-PPZ202403130001-LTJFS-T1-1
PPZ202403130001-LTJFS-T1-1

Seed-to-Sale #: SB4-

Batch Information

Create Date: 03/12/2024
Exp. Date: 03/12/2024
Size: 1,168
Total Qty.: 584
Matrix: Live Rosin
Pickup Weight: 16 g

MMTC Information

Cultivation Facility: Deland Facility
Processing Facility: Deland Facility
Cultivar(s): Popper Z

COMPLIANCE FOR RETAIL

CANNABINOID PROFILE
TESTED

LABEL CLAIM
NOT APPLICABLE

MICROBIAL ANALYSIS
PASS

RESIDUAL SOLVENTS
PASS

AGRICULTURAL AGENTS
PASS

HEAVY METAL ANALYSIS
PASS

TERPENES TOTAL
TESTED

MOISTURE ANALYSIS
NOT TESTED

WATER ACTIVITY
PASS

FILTH & FOREIGN MATERIAL ANALYSIS
PASS

HOMOGENEITY
NOT TESTED

MYCOTOXIN ANALYSIS
PASS



72.8979 %
Total THC

0.0000 %
Total CBD

85.6947 %
Total Cannabinoids

Diana Asensio, M.S.

Lab Director



ACT Laboratories Florida
4001 SW 47th Avenue, Suite 208
Davie, FL 33314
(954) 514-9343





License #: MMTC-
2019-0018
Order #: 85790
Retail Batch #: SB4-
PPZ202403130001-
LTJFS-T1-1

Cookies

CERTIFICATE OF ANALYSIS
ISO/IEC: 17025:2017 Accreditation #:
103104
License #: CMTL-0004

Sample Prep

Tech: 3445
SOP: 418
Batch Number: 62483
Batch Date: 03/15/2024 20:17:33

Sample Analysis

Date/Time: 03/18/2024 17:42:14
Tech: 3445
SOP: 417
Final Weight: 0.2116 g
Volume: 40.225 ml

CANNABINOID PROFILE

HPLC-DAD

TESTED

72.8979 %
Total THC

364.490 mg
THC Per Unit

1457.958 mg
THC Per Pkg

ND
Total CBD

ND
CBD Per Unit

ND
CBD Per Pkg

85.6947 %
Total Cannabinoids

428.473 mg
Cannabinoids Per Unit

1713.894 mg
Cannabinoids Per Pkg

Cannabinoid Potency

ANALYTE	LOD/LOQ (mg/g)	DIL.	WEIGHT %	MG/G	MG/UNIT	MG/PACKAGE	LABEL CLAIM (mg)	% LABEL VAR.
CBC	0.3224/0.977	51	ND	ND	ND	ND	--	--
CBD	0.3224/0.977	51	ND	ND	ND	ND	--	--
CBDA	0.3224/0.977	51	ND	ND	ND	ND	--	--
CBDV	0.3224/0.977	51	ND	ND	ND	ND	--	--
CBG	0.3224/0.977	51	0.5119	5.119	2.559	10.238	--	--
CBGA	0.3224/0.977	51	2.2522	22.522	11.261	45.044	--	--
CBN	0.3224/0.977	51	ND	ND	ND	ND	--	--
d8-THC	0.3224/0.977	51	ND	ND	ND	ND	--	--
d9-THC	0.3224/0.977	51	1.3641	13.641	6.821	27.282	--	--
THCA	0.3224/0.977	51	81.5665	815.665	407.832	1631.330	--	--
THCV	0.3224/0.977	51	ND	ND	ND	ND	--	--

mg/unit = 0.5 (g) per unit x cannabinoid concentration (mg/g)
Total THC = THC + (0.877 x THCA) and Total CBD = CBD + (0.877 x CBDA)
ND = Not Detected, NT = Not Tested, <LOQ = Below Limit of Quantitation

CANNABINOID TOTALS	WEIGHT %	MG/G	MG/UNIT	MG/PACKAGE
Total THC	72.8979	728.979	364.490	1457.958
Total CBD	ND	ND	ND	ND
Total Cannabinoids	85.6947	856.947	428.473	1713.894

Diana Asensio, M.S.

Lab Director



ACT Laboratories Florida
4001 SW 47th Avenue, Suite 208
Davie, FL 33314
(954) 514-9343





License #: MMTC-
2019-0018
Order #: 85790
Retail Batch #: SB4-
PPZ202403130001-
LTJFS-T1-1

Cookies

CERTIFICATE OF ANALYSIS
ISO/IEC: 17025:2017 Accreditation #:
103104
License #: CMTL-0004

Agricultural Agents

GC-MS/MS

PASS

Sample Prep

Tech: 4302
SOP: 402
Batch Number: 62470
Batch Date: 03/14/2024 15:48:50

Sample Analysis

Date/Time: 03/18/2024 18:23:28
Tech: 3445
SOP: 402
Final Weight: 0.5372 g
Volume: 10 ml

ANALYTE	LOD/LOQ (ppm)	DIL.	ACTION LEVEL (ppm)	RESULTS (ppm)
Captan	0.07/0.1	1	0.7	ND
Chlordane	0.01/0.1	1	0.1	ND
Chlorfenapyr	0.01/0.1	1	0.1	ND
Coumaphos	0.01/0.1	1	0.1	ND
Cyfluthrin	0.01/0.1	1	0.5	ND
Cypermethrin	0.01/0.1	1	0.5	ND
Methyl parathion	0.01/0.1	1	0.1	ND
Pentachloronitrobenzene	0.01/0.1	1	0.15	ND

MYCOTOXIN ANALYSIS

LC-MS/MS

PASS

Sample Prep

Tech: 4302
SOP: 432
Batch Number: 62481
Batch Date: 03/15/2024 17:16:38

Sample Analysis

Date/Time: 03/19/2024 12:42:58
Tech: 3445
SOP: 424
Final Weight: 0.1056 g
Volume: 2.5 ml

ANALYTE	LOD/LOQ (ppb)	DIL.	ACTION LEVEL (ppb)	RESULTS (ppb)
Aflatoxin B1	2/10	1	20	ND
Aflatoxin B2	2/10	1	20	ND
Aflatoxin G1	2/10	1	20	ND
Aflatoxin G2	2/5	1	20	ND
Ochratoxin A	2/10	1	20	ND

Diana Asensio, M.S.

Lab Director



ACT Laboratories Florida
4001 SW 47th Avenue, Suite 208
Davie, FL 33314
(954) 514-9343





License #: MMTC-
2019-0018
Order #: 85790
Retail Batch #: SB4-
PPZ202403130001-
LTJFS-T1-1

Cookies

CERTIFICATE OF ANALYSIS
ISO/IEC: 17025:2017 Accreditation #:
103104
License #: CMTL-0004

Agricultural Agents

LC-MS/MS

PASS

Sample Prep

Tech: 4302
SOP: 432
Batch Number: 62481
Batch Date: 03/15/2024 17:16:38

Sample Analysis

Date/Time: 03/19/2024 12:42:58
Tech: 3445
SOP: 424
Final Weight: 0.1056 g
Volume: 2.5 ml

ANALYTE	LOD/LOQ (ppm)	DIL.	ACTION LEVEL(ppm)	RESULTS (ppm)	ANALYTE	LOD/LOQ (ppm)	DIL.	ACTION LIMIT(ppm)	RESULTS (ppm)
Abamectin B1a	0.002/0.035	1	0.1	ND	Imazalil	0.002/0.01	1	0.1	ND
Acephate	0.002/0.04	1	0.1	ND	Imidacloprid	0.002/0.002	1	0.4	ND
Acequinocyl	0.002/0.002	1	0.1	ND	Kresoxim-methyl	0.002/0.002	1	0.1	ND
Acetamiprid	0.002/0.002	1	0.1	ND	Malathion	0.01/0.04	1	0.2	ND
Aldicarb	0.002/0.01	1	0.1	ND	Metalaxyl	0.002/0.004	1	0.1	ND
Azoxystrobin	0.002/0.04	1	0.1	ND	Methiocarb	0.002/0.01	1	0.1	ND
Bifenazate	0.002/0.002	1	0.1	ND	Methomyl	0.002/0.002	1	0.1	ND
Bifenthrin	0.002/0.002	1	0.1	0.005	Mevinphos	0.009/0.036	1	0.1	ND
Boscalid	0.01/0.05	1	0.1	<LOQ	Myclobutanil	0.002/0.04	1	0.1	ND
Carbaryl	0.002/0.004	1	0.5	ND	Naled	0.002/0.01	1	0.25	ND
Carbofuran	0.002/0.01	1	0.1	ND	Oxamyl	0.002/0.002	1	0.5	ND
Chlorantraniliprole	0.002/0.01	1	1	ND	Paclobutrazol	0.002/0.004	1	0.1	ND
Chlormequat chloride	0.002/0.004	1	1	ND	Permethrins	0.002/0.01	1	0.1	ND
Chlorpyrifos	0.002/0.01	1	0.1	<LOQ	Phosmet	0.002/0.002	1	0.1	ND
Clofentezine	0.002/0.002	1	0.2	ND	Piperonyl Butoxide	0.002/0.002	1	3	0.005
Daminozide	0.01/0.04	1	0.1	ND	Prallethrin	0.002/0.01	1	0.1	ND
Diazinon	0.002/0.01	1	0.1	ND	Propiconazole	0.002/0.04	1	0.1	ND
Dichlorvos	0.002/0.04	1	0.1	ND	Propoxur	0.002/0.01	1	0.1	ND
Dimethoate	0.002/0.002	1	0.1	ND	Pyrethrins	0.001/0.013	1	0.5	ND
Dimethomorph	0.001/0.002	1	0.2	ND	Pyridaben	0.002/0.002	1	0.2	ND
Ethoprophos	0.002/0.01	1	0.1	ND	Spinetoram	0.001/0.003	1	0.2	ND
Etofenprox	0.002/0.002	1	0.1	ND	Spinosad	0.001/0.001	1	0.1	ND
Etoxazole	0.002/0.002	1	0.1	ND	Spiromesifen	0.002/0.002	1	0.1	ND
Fenhexamid	0.01/0.04	1	0.1	ND	Spirotetramat	0.002/0.01	1	0.1	ND
Fenoxycarb	0.002/0.004	1	0.1	ND	Spiroxamine	0.002/0.04	1	0.1	ND
Fenpyroximate	0.002/0.002	1	0.1	ND	Tebuconazole	0.01/0.04	1	0.1	ND
Fipronil	0.002/0.004	1	0.1	ND	Thiacloprid	0.002/0.002	1	0.1	ND
Flonicamid	0.002/0.01	1	0.1	ND	Thiamethoxam	0.002/0.01	1	0.5	ND
Fludioxonil	0.002/0.004	1	0.1	ND	Trifloxystrobin	0.002/0.002	1	0.1	ND
Hexythiazox	0.002/0.004	1	0.1	ND					

Diana Asensio, M.S.

Lab Director



ACT Laboratories Florida
4001 SW 47th Avenue, Suite 208
Davie, FL 33314
(954) 514-9343





License #: MMTC-2019-0018
Order #: 85790
Retail Batch #: SB4-PPZ202403130001-LTJFS-T1-1

Cookies

CERTIFICATE OF ANALYSIS
ISO/IEC: 17025:2017 Accreditation #:
103104
License #: CMTL-0004

TERPENES TOTAL

GC-FID

TESTED (7.237 %)

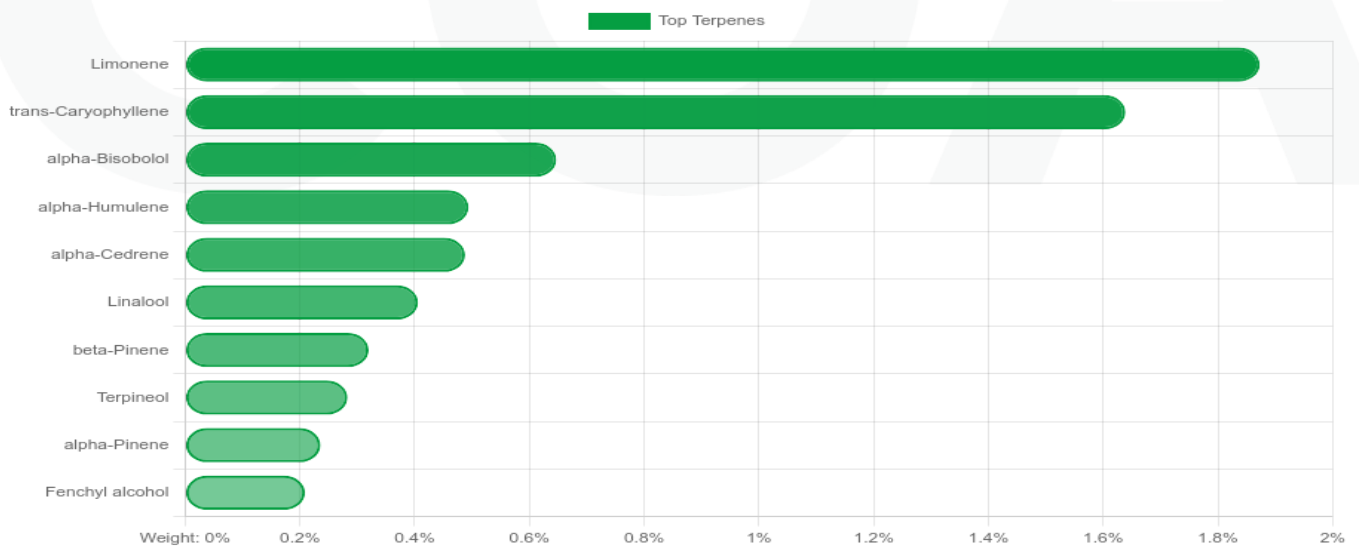
Sample Prep

Tech: 4302
SOP: 421
Batch Number: 62469
Batch Date: 03/14/2024 15:06:02

Sample Analysis

Date/Time: 03/18/2024 19:45:11
Tech: 3445
SOP: 419
Final Weight: 0.4012 g
Volume: 10 ml

TERPENE	LOD/LOQ (%)	DIL.	RESULTS (%)	TERPENE	LOD/LOQ (%)	DIL.	RESULTS (%)
3-Carene	0.001/0.003	1	ND	Geraniol	0.001/0.003	1	0.014
alpha-Bisobolol	0.001/0.003	1	0.647	Geranyl acetate	0.001/0.003	1	ND
alpha-Cedrene	0.001/0.003	1	0.488	Guaiol	0.001/0.003	1	0.122
alpha-Humulene	0.001/0.003	1	0.494	Hexahydrothymol	0.001/0.003	1	0.005
alpha-Pinene	0.001/0.003	1	0.236	Isoborneol	0.001/0.003	1	ND
alpha-Terpinene	0.001/0.003	1	ND	Isopulegol	0.001/0.003	1	ND
beta-Myrcene	0.001/0.003	1	0.143	Limonene	0.001/0.003	1	1.873
beta-Pinene	0.001/0.003	1	0.320	Linalool	0.001/0.003	1	0.406
Borneol	0.001/0.003	1	0.032	Nerol	0.001/0.003	1	ND
Camphene	0.001/0.003	1	0.057	p-Mentha-1,5-diene	0.001/0.003	1	ND
Camphor	0.001/0.003	1	ND	Pulegone	0.001/0.003	1	0.010
Caryophyllene oxide	0.001/0.003	1	0.057	Sabinene hydrate	0.001/0.003	1	ND
Cedrol	0.001/0.003	1	0.019	Terpineol	0.001/0.003	1	0.283
cis-Nerolidol	0.001/0.003	1	ND	Terpinolene	0.001/0.003	1	0.021
cis-Ocimene	0.001/0.003	1	0.005	trans-Caryophyllene	0.001/0.003	1	1.639
Eucalyptol	0.001/0.003	1	0.006	trans-Nerolidol	0.001/0.003	1	0.092
Fenchone	0.001/0.003	1	0.018	trans-Ocimene	0.001/0.003	1	0.041
Fenchyl alcohol	0.001/0.003	1	0.209	Valencene	0.001/0.003	1	ND
gamma-Terpinene	0.001/0.003	1	<LOQ				



Diana Asensio, M.S.

Lab Director



ACT Laboratories Florida

4001 SW 47th Avenue, Suite 208
Davie, FL 33314
(954) 514-9343





License #: MMTC-
2019-0018
Order #: 85790
Retail Batch #: SB4-
PPZ202403130001-
LTJFS-T1-1

Cookies

CERTIFICATE OF ANALYSIS
ISO/IEC: 17025:2017 Accreditation #:
103104
License #: CMTL-0004

RESIDUAL SOLVENTS

HS-GC-MS

PASS

Sample Prep

Tech: 2816
SOP: 405
Batch Number: 62493
Batch Date: 03/18/2024 14:47:02

Sample Analysis

Date/Time: 03/19/2024 14:05:26
Tech: 2816
SOP: 405
Final Weight: 0.0508 g
Volume: 1 ml

ANALYTE	LOD/LOQ (ppm)	DIL.	ACTION LIMIT (ppm)	RESULTS (ppm)	ANALYTE	LOD/LOQ (ppm)	DIL.	ACTION LIMIT (ppm)	RESULTS (ppm)
1,1-Dichloroethene	0.6/0.63	1	8	ND	Heptane	6/140	1	5000	ND
1,2-Dichloroethane	0.012/0.12	1	2	ND	Hexanes	0.06/18	1	250	<LOQ
Acetone	9/140	1	750	<LOQ	Isopropyl alcohol	3/140	1	500	<LOQ
Acetonitrile	0.72/25	1	60	<LOQ	Methanol	6/100	1	250	<LOQ
Benzene	0.06/1	1	1	ND	Methylene chloride	1.5/1.5	1	125	ND
Butane	48/50	1	5000	ND	Pentane	9/140	1	750	ND
Chloroform	0.2/1	1	2	<LOQ	Propane	30/30	1	5000	ND
Ethanol	12/140	1	5000	<LOQ	Toluene	0.9/53	1	150	ND
Ethyl acetate	2.4/140	1	400	<LOQ	Total xylenes	1.8/130	1	150	ND
Ethyl ether	6/140	1	500	ND	Trichloroethylene	0.3/1	1	25	ND
Ethylene oxide	0.6/2	1	5	ND					

HEAVY METAL ANALYSIS

ICP-MS

PASS

Sample Prep

Tech: 2816
SOP: 428
Batch Number: 62497
Batch Date: 03/18/2024 17:59:11

Sample Analysis

Date/Time: 03/19/2024 11:46:05
Tech: 2816
SOP: 428
Final Weight: 0.2805 g
Volume: 60 ml

ANALYTE	LOD/LOQ (ppb)	DIL.	ACTION LIMIT (ppb)	RESULTS (ppb)
Arsenic	20/75	1	200	ND
Cadmium	20/75	1	200	ND
Lead	20/75	1	500	<LOQ
Mercury	20/75	1	200	ND

FILTH & FOREIGN MATERIAL ANALYSIS

Result: **PASS**

Sample Prep and Analysis

Date/Time: 03/18/2024 16:09:02
Tech: 3393
SOP: 409
Final Weight: 10.2 g

Diana Asensio, M.S.

Lab Director



ACT Laboratories Florida
4001 SW 47th Avenue, Suite 208
Davie, FL 33314
(954) 514-9343





License #: MMTC-
2019-0018
Order #: 85790
Retail Batch #: SB4-
PPZ202403130001-
LTJFS-T1-1

Cookies

CERTIFICATE OF ANALYSIS
ISO/IEC: 17025:2017 Accreditation #:
103104
License #: CMTL-0004

MICROBIAL ANALYSIS

PASS

Sample Prep

Tech: 4302
SOP: 406

Batch Number: 62477
Batch Date: 03/15/2024 13:45:36

Date/Time: 03/17/2024 16:11:57
Tech: 4302
SOP: 406

Sample Analysis

Final Weight: 1.0198 g

ANALYTE	TEST METHOD	ALLOWABLE CRITERIA	ACTUAL RESULT	PASS/FAIL
Total yeast and mold	qPCR	< 100,000 CFU/g	NOT DETECTED	PASS

Sample Prep

Tech: 1012
SOP: 406

Batch Number: 62478
Batch Date: 03/15/2024 13:46:09

Date/Time: 03/18/2024 18:50:47
Tech: 4302
SOP: 406

Sample Analysis

Final Weight: 1.0012 g

ANALYTE	TEST METHOD	ALLOWABLE CRITERIA	ACTUAL RESULT	PASS/FAIL
Aspergillus flavus	qPCR	< 1 CFU/g	NOT DETECTED	PASS
Aspergillus fumigatus	qPCR	< 1 CFU/g	NOT DETECTED	PASS
Aspergillus niger	qPCR	< 1 CFU/g	NOT DETECTED	PASS
Aspergillus terreus	qPCR	< 1 CFU/g	NOT DETECTED	PASS

Sample Prep

Tech: 4302
SOP: 406

Batch Number: 62478
Batch Date: 03/15/2024 13:46:09

Date/Time: 03/18/2024 18:50:47
Tech: 4302
SOP: 406

Sample Analysis

Final Weight: 1 g

ANALYTE	TEST METHOD	ALLOWABLE CRITERIA	ACTUAL RESULT	PASS/FAIL
Salmonella	qPCR	< 1 CFU/g	NOT DETECTED	PASS
STEC e. coli	qPCR	< 1 CFU/g	NOT DETECTED	PASS

Diana Asensio, M.S.

Lab Director



ACT Laboratories Florida
4001 SW 47th Avenue, Suite 208
Davie, FL 33314
(954) 514-9343





License #: MMTC-
2019-0018
Order #: 85790
Retail Batch #: SB4-
PPZ202403130001-
LTJFS-T1-1

Cookies

CERTIFICATE OF ANALYSIS
ISO/IEC: 17025:2017 Accreditation #:
103104
License #: CMTL-0004

**TOTAL CONTAMINANT
LOAD (TCL)***

PASS

Heavy Metals: <LOQ ppm
Agricultural Agents: 0.005
ppm
Total: 0.005 ppm

* Present above the LOD but below the acceptable
limit

WATER ACTIVITY

Water Activity Meter
Water: 0.507 Aw

Sample Prep and Analysis

Date/Time: 03/18/2024 16:09:02
Tech: 3393
SOP: 407
Final Weight: 1.0143 g

Diana Asensio, M.S.

Lab Director



ACT Laboratories Florida
4001 SW 47th Avenue, Suite 208
Davie, FL 33314
(954) 514-9343



