



License #: MMTC-2019-0018  
 Order #: 85903  
 Retail Batch #: F14-EMC1202311080003-SMQ

# Cookies

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

## Order Information

Order #: 85903  
 Order Name: Minntz - Emergen C - Smediums  
 1/4 oz - Indoor - 7g  
 Retail Batch #: F14-EMC1202311080003-SMQ  
 Received: 03/20/2024 18:20:16  
 Complete: 03/31/2024 14:12:25

Harvest/Lot ID: F14-EMC1202311080003-SMQ  
 EMC1202311080003-SMQ

Seed-to-Sale #: F14-

## Batch Information

Create Date: 03/18/2024  
 Exp. Date: 03/18/2025  
 Size: 8,596  
 Total Qty.: 1,228  
 Matrix: Flower - Cured  
 Pickup Weight: 35 g

## MMTC Information

Cultivation Facility: Deland Facility  
 Processing Facility: Deland Facility  
 Cultivar(s): Emergen C

## COMPLIANCE FOR RETAIL

<b>CANNABINOID PROFILE</b> <b>TESTED</b>	<b>LABEL CLAIM</b> <b>NOT APPLICABLE</b>	<b>MICROBIAL ANALYSIS</b> <b>PASS</b>
<b>RESIDUAL SOLVENTS</b> <b>NOT TESTED</b>	<b>AGRICULTURAL AGENTS</b> <b>PASS</b>	<b>HEAVY METAL ANALYSIS</b> <b>PASS</b>
<b>TERPENES TOTAL</b> <b>TESTED</b>	<b>MOISTURE ANALYSIS</b> <b>PASS</b>	<b>WATER ACTIVITY</b> <b>PASS</b>
<b>FILTH &amp; FOREIGN MATERIAL ANALYSIS</b> <b>PASS</b>	<b>HOMOGENEITY</b> <b>NOT TESTED</b>	<b>MYCOTOXIN ANALYSIS</b> <b>PASS</b>



**17.8472 %**  
Total THC

**0.0000 %**  
Total CBD

**20.7709 %**  
Total Cannabinoids

**Diana Asensio, M.S.**

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**Sample Prep**

Tech: 3445  
 SOP: 418  
 Batch Number: 62510  
 Batch Date: 03/20/2024 12:30:47

**Sample Analysis**

Date/Time: 03/22/2024 17:57:08  
 Tech: 3445  
 SOP: 417  
 Final Weight: 0.5389 g  
 Volume: 40 ml

**CANNABINOID PROFILE**  
 HPLC-DAD **TESTED**

<b>17.8472 %</b> Total THC	<b>89.236 mg</b> THC Per Unit	<b>1249.304 mg</b> THC Per Pkg
<b>ND</b> Total CBD	<b>ND</b> CBD Per Unit	<b>ND</b> CBD Per Pkg
<b>20.7709 %</b> Total Cannabinoids	<b>103.855 mg</b> Cannabinoids Per Unit	<b>1453.963 mg</b> Cannabinoids Per Pkg

**Cannabinoid Potency**

ANALYTE	LOD/LOQ (mg/g)	DIL.	ACTUAL %	DRY WT. %	MG/G	MG/UNIT	MG/PACKAGE	LABEL CLAIM (mg)	% LABEL VAR.
CBC	0.129/0.3908	51	ND	ND	ND	ND	ND	--	--
CBD	0.129/0.3908	51	ND	ND	ND	ND	ND	--	--
CBDA	0.129/0.3908	51	ND	ND	ND	ND	ND	--	--
CBDV	0.129/0.3908	51	ND	ND	ND	ND	ND	--	--
CBG	0.129/0.3908	51	0.108	0.125	1.079	0.539	7.553	--	--
CBGA	0.129/0.3908	51	0.467	0.541	4.671	2.336	32.697	--	--
CBN	0.129/0.3908	51	ND	ND	ND	ND	ND	--	--
d8-THC	0.129/0.3908	51	ND	ND	ND	ND	ND	--	--
d9-THC	0.129/0.3908	51	1.100	1.274	11.004	5.502	77.028	--	--
THCA	0.129/0.3908	51	19.096	22.112	190.955	95.478	1336.685	--	--
THCV	0.129/0.3908	51	ND	ND	ND	ND	ND	--	--

mg/unit = 0.5 (g) per unit x cannabinoid concentration (mg/g)  
 Dry Weight % = Wet % / ((100 - Moisture Value) / 100)  
 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	ACTUAL %	DRY WEIGHT %	MG/G	MG/UNIT	MG/PACKAGE
Total THC	17.847	20.666	178.472	89.236	1249.304
Total CBD	ND	ND	ND	ND	ND
Total Cannabinoids	20.771	24.052	207.709	103.855	1453.963

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**Agricultural Agents**

GC-MS/MS

**PASS**

**Sample Prep**

Tech: 2816  
 SOP: 402  
 Batch Number: 62505  
 Batch Date: 03/20/2024 11:59:45

**Sample Analysis**

Date/Time: 03/22/2024 13:16:04  
 Tech: 3445  
 SOP: 402  
 Final Weight: 0.4822 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: 2816  
 SOP: 432  
 Batch Number: 62506  
 Batch Date: 03/20/2024 12:02:37

**Sample Analysis**

Date/Time: 03/24/2024 13:42:40  
 Tech: 1012  
 SOP: 424  
 Final Weight: 0.1031 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

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**Agricultural Agents**  
 LC-MS/MS **PASS**

**Sample Prep**

Tech: 2816  
 SOP: 432  
 Batch Number: 62506  
 Batch Date: 03/20/2024 12:02:37

**Sample Analysis**

Date/Time: 03/24/2024 13:42:40  
 Tech: 1012  
 SOP: 424  
 Final Weight: 0.1031 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	ND	Mevinphos	0.009/0.036	1	0.1	ND
Boscalid	0.01/0.05	1	0.1	ND	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	ND	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	ND
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					

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**TERPENES TOTAL**  
 GC-FID **TESTED (3.164 %)**

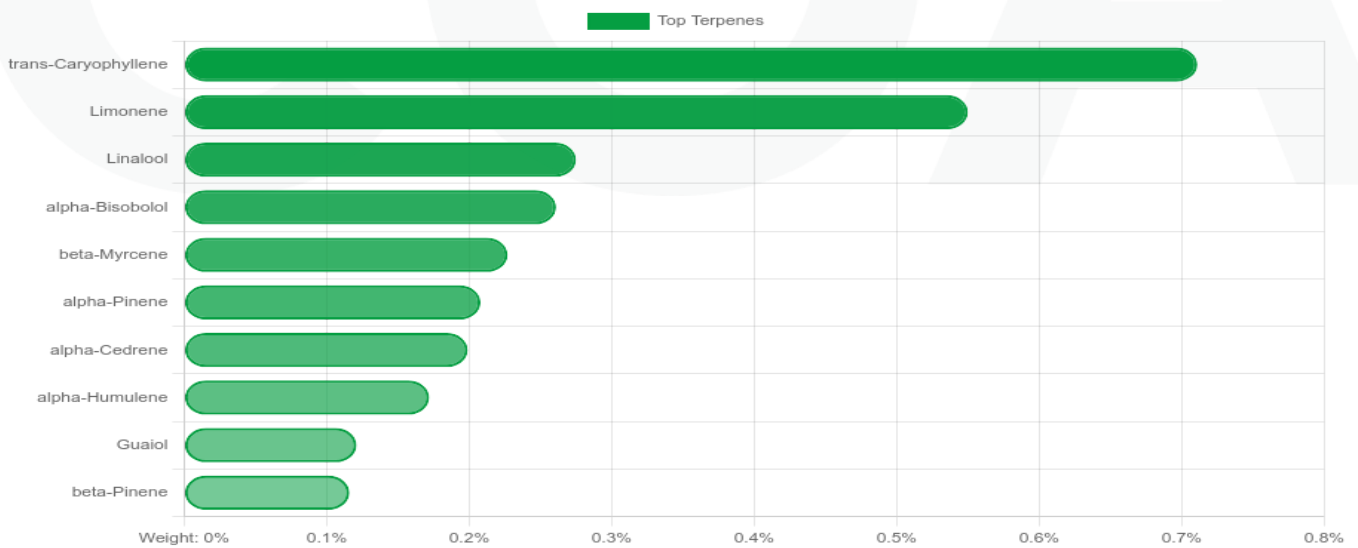
**Sample Prep**

Tech: 2816  
 SOP: 421  
 Batch Number: 62507  
 Batch Date: 03/20/2024 12:04:57

**Sample Analysis**

Date/Time: 03/22/2024 19:57:10  
 Tech: 2816  
 SOP: 419  
 Final Weight: 0.384 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	ND
alpha-Bisobolol	0.001/0.003	1	0.261	Geranyl acetate	0.001/0.003	1	ND
alpha-Cedrene	0.001/0.003	1	0.199	Guaiol	0.001/0.003	1	0.121
alpha-Humulene	0.001/0.003	1	0.172	Hexahydrothymol	0.001/0.003	1	<LOQ
alpha-Pinene	0.001/0.003	1	0.208	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	0.227	Limonene	0.001/0.003	1	0.550
beta-Pinene	0.001/0.003	1	0.116	Linalool	0.001/0.003	1	0.275
Borneol	0.001/0.003	1	0.015	Nerol	0.001/0.003	1	ND
Camphene	0.001/0.003	1	0.015	p-Mentha-1,5-diene	0.001/0.003	1	ND
Camphor	0.001/0.003	1	ND	Pulegone	0.001/0.003	1	ND
Caryophyllene oxide	0.001/0.003	1	0.007	Sabinene hydrate	0.001/0.003	1	ND
Cedrol	0.001/0.003	1	ND	Terpineol	0.001/0.003	1	0.105
cis-Nerolidol	0.001/0.003	1	ND	Terpinolene	0.001/0.003	1	0.007
cis-Ocimene	0.001/0.003	1	ND	trans-Caryophyllene	0.001/0.003	1	0.711
Eucalyptol	0.001/0.003	1	<LOQ	trans-Nerolidol	0.001/0.003	1	0.057
Fenchone	0.001/0.003	1	0.006	trans-Ocimene	0.001/0.003	1	0.045
Fenchyl alcohol	0.001/0.003	1	0.067	Valencene	0.001/0.003	1	ND
gamma-Terpinene	0.001/0.003	1	ND				



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**HEAVY METAL ANALYSIS**  
 ICP-MS **PASS**

**Sample Prep**

Tech: 2816  
 SOP: 428  
 Batch Number: 62527  
 Batch Date: 03/22/2024 11:01:51

**Sample Analysis**

Date/Time: 03/22/2024 16:06:12  
 Tech: 3445  
 SOP: 428  
 Final Weight: 0.2796 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	ND
Mercury	20/75	1	200	ND

**FILTH & FOREIGN MATERIAL ANALYSIS**  
 Result: **PASS**

**Sample Prep and Analysis**

Date/Time: 03/21/2024 19:14:07  
 Tech: 1012  
 SOP: 409  
 Final Weight: 18.6 g

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**MICROBIAL ANALYSIS**

**PASS**

**Sample Prep**

Tech: 1012  
 SOP: 406

Batch Number: 62555  
 Batch Date: 03/25/2024 17:48:59

Date/Time: 03/29/2024 18:32:10  
 Tech: 4302  
 SOP: 406

Final Weight: 1.0265 g

ANALYTE	TEST METHOD	ALLOWABLE CRITERIA	ACTUAL RESULT	PASS/FAIL
Total yeast and mold	qPCR	< 100,000 CFU/g	22,106	PASS

**Sample Analysis**

**Sample Prep**

Tech: 3358  
 SOP: 406

Batch Number: 62508  
 Batch Date: 03/20/2024 12:10:12

Date/Time: 03/22/2024 16:46:41  
 Tech: 3358  
 SOP: 406

Final Weight: 1.0249 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 Analysis**

**Sample Prep**

Tech: 3358  
 SOP: 406

Batch Number: 62508  
 Batch Date: 03/20/2024 12:10:12

Date/Time: 03/22/2024 16:46:41  
 Tech: 3358  
 SOP: 406

Final Weight: 1.0249 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

**Sample Analysis**

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## TOTAL CONTAMINANT LOAD (TCL)\*

PASS

Heavy Metals: ND ppm  
Agricultural Agents: ND ppm  
Total: ND ppm

\* Present above the LOD but below the acceptable limit

## WATER ACTIVITY

Water Activity Meter  
Water: 0.486 Aw

## Sample Prep and Analysis

Date/Time: 03/21/2024 19:47:44  
Tech: 1012  
SOP: 407  
Final Weight: 1.0253 g

## MOISTURE ANALYSIS

Moisture: **13.64 %**

## Sample Prep and Analysis

Date/Time: 03/30/2024 16:55:59  
Tech: 4090  
SOP: 411  
Final Weight: 0.308 g

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