

Calm Smokes

Batch ID:	UT-RD-CalmS	Test ID:	T000156853
Matrix:	Finished Product	Received:	08/12/2021 @ 01:28 PM
Test:	Microbial Contaminants	Started:	8/13/2021
Method:	TM25 (qPCR) TM24, TM26, TM27, TM28 (Culture Plating)	Reported:	8/17/2021

MICROBIAL CONTAMINANTS

Contaminant	Method	LOD	LLOQ	ULOQ	Result
Total Aerobic Count*	TM-26 Culture Plating	10 ² CFU/g	10 ³ CFU/g	1.5x10 ⁵ CFU/g	>ULOQ
Total Coliforms*	TM-27 Culture Plating	10 ¹ CFU/g	10 ² CFU/g	1.5x10 ⁴ CFU/g	5.2x10 ³ CFU/g
Total Yeast and Molds*	TM-24 Culture Plating	10 ¹ CFU/g	10 ² CFU/g	1.5x10 ⁴ CFU/g	>ULOQ
E. coli	TM-28 Culture Plating	1 CFU/g	NA	NA	Absent
E. coli (STEC)	TM-25 PCR	1 CFU/g	NA	NA	Absent
Salmonella	TM-25 PCR	1 CFU/g	NA	NA	Absent


* Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form.

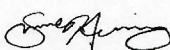
- Examples:
- 10² = 100 CFU
 - 10³ = 1,000 CFU
 - 10⁴ = 10,000 CFU
 - 10⁵ = 100,000 CFU

NOTES:
Free from visual mold, mildew, and foreign matter

DEFINITIONS:
CFU/g = Colony Forming Units per Gram.
LOD = Limit of Detection
ULOQ = Upper Limit of Quantitation
LLOQ = Lower Limit of Quantitation

FINAL APPROVAL

 Jackson Osaghae-Nos:
17-Aug-2021
10:16 AM

 Sarah Henning
17-Aug-2021
3:26 PM

PREPARED BY / DATE

APPROVED BY / DATE

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC. ISO/IEC 17025:2005 Accredited A2LA Certificate Number 4329.03. Testing associated with this certificate of analysis performed by an external ISO17025 accredited provider.



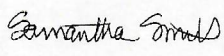
Prepared for:

Calm Smokes**Zoetic Corporation**

Batch ID or Lot Number: UT-RD-CalmS	Test: Mycotoxins	Reported: 8/19/21	Location: PO Box 832 Palisade, CO 81526
Matrix: Concentrate	Test ID: T000156856	Started: 8/18/21	USDA License: N/A
Status: N/A	Method: TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins	Received: 08/12/2021 @ 01:28 PM	Sampler ID: N/A

MYCOTOXIN DETERMINATION

Compound	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	3.1 - 125.4	ND	N/A
Aflatoxin B1	1 - 31.7	ND	
Aflatoxin B2	1.1 - 30.7	ND	
Aflatoxin G1	0.9 - 31.9	ND	
Aflatoxin G2	1.2 - 30	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	


PREPARED BY / DATE
Sam Smith
19-Aug-21
1:11 PM


APPROVED BY / DATE
Taylor Brevik
19-Aug-21
1:13 PM

Definitions

ND = None Detected (Defined by Dynamic Range of the method)

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Certificate #4329.02

Prepared for:

Zoetic Corporation

Calm Smokes

Batch ID or Lot Number: UT-RD-CalmS	Test: Pesticides	Reported: 8/20/21	Location: PO Box 832 Palisade, CO 81526
Matrix: Concentrate	Test ID: T000156852	Started: 8/19/21	USDA License: N/A
Status: N/A	Method: TM17(LC-QQQ LC MS/MS):	Received: 08/12/2021 @ 01:28 PM	Sampler ID: N/A

PESTICIDE DETERMINATION

Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)
Acephate	33	ND	Fenoxycarb	34	ND	Paclobutrazol	34	ND
Acetamiprid	34	ND	Fipronil	22	ND	Permethrin	292	ND
Avermectin	378	ND	Flonicamid	45	ND	Phosmet	33	ND
Azoxystrobin	37	ND	Fludioxonil	292	ND	Prophos	285	ND
Bifenazate	40	ND	Hexythiazox	34	ND	Propoxur	34	ND
Boscalid	34	ND	Imazalil	286	ND	Pyridaben	303	ND
Carbaryl	30	ND	Imidacloprid	35	ND	Spinosad A	27	ND
Carbofuran	34	ND	Kresoxim-methyl	150	ND	Spinosad D	56	ND
Chlorantraniliprole	32	ND	Malathion	310	ND	Spiromesifen	275	ND
Chlorpyrifos	500	ND	Metalaxyl	36	ND	Spirotetramat	258	ND
Clofentezine	305	ND	Methiocarb	32	ND	Spiroxamine 1	14	ND
Diazinon	296	ND	Methomyl	35	ND	Spiroxamine 2	18	ND
Dichlorvos	277	ND	MGK 264 1	165	ND	Tebuconazole	322	ND
Dimethoate	33	ND	MGK 264 2	126	ND	Thiacloprid	35	ND
E-Fenpyroximate	296	ND	Myclobutanil	32	ND	Thiamethoxam	34	ND
Etofenprox	35	ND	Naled	36	ND	Trifloxystrobin	36	ND
Etoazole	317	ND	Oxamyl	1500	ND			

K Winternheimer Karen Winternheimer
8/20/2021
2:32:00 PM

Samantha Smith Sam Smith
8/20/2021
2:36:00 PM

PREPARED BY / DATE

APPROVED BY / DATE

Definitions

LOQ = Limit of Quantification
ppb = Parts per Billion

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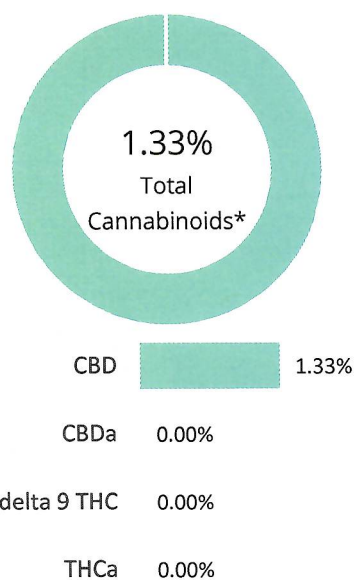


Certificate #4329.02

Calm Smokes

Batch ID:	UT-RD-CalmS	Test ID:	T000156851
Type:	Plant	Submitted:	08/12/2021 @ 01:28 PM
Test:	Potency	Started:	8/13/2021
Method:	TM14 (HPLC-DAD)	Reported:	8/17/2021

CANNABINOID PROFILE



Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.04	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.05	ND	ND
Cannabidiolic acid (CBDA)	0.07	ND	ND
Cannabidiol (CBD)	0.07	1.33	13.3
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.05	ND	ND
Cannabinolic Acid (CBNA)	0.03	ND	ND
Cannabinol (CBN)	0.01	ND	ND
Cannabigerolic acid (CBGA)	0.04	ND	ND
Cannabigerol (CBG)	0.01	ND	ND
Tetrahydrocannabivarinic Acid (THCVA)	0.04	ND	ND
Tetrahydrocannabivarin (THCV)	0.01	ND	ND
Cannabidivarinic Acid (CBDVA)	0.03	ND	ND
Cannabidivarin (CBDV)	0.02	ND	ND
Cannabichromenic Acid (CBCA)	0.02	ND	ND
Cannabichromene (CBC)	0.02	ND	ND
Total Cannabinoids		1.33	13.3
Total Potential THC**		ND	ND
Total Potential CBD**		1.33	13.3

NOTES:

N/A

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)

* Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.


** Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step.

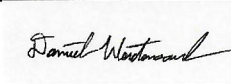
Total THC = THC + (THCa *(0.877)) and

Total CBD = CBD + (CBDa *(0.877))

ND = None Detected (Defined by Dynamic Range of the method)

FINAL APPROVAL


Taylor Brevik
17-Aug-2021
1:01 PM


Daniel Weidensaul
17-Aug-2021
1:14 PM

PREPARED BY / DATE

APPROVED BY / DATE

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