

prepared for: ZOETIC CORPORATION

PO BOX 832 PALISADE, CO 81526

#### Vanilla Pouches

Batch ID:

UT-RD-Vanilla

Matrix:

Finished Product

Test:

Microbial Contaminants

Method:

TM25 (qPCR)

TM24, TM26, TM27, TM28 (Culture Plating)

Test ID:

T000156835

Received:

08/12/2021 @ 01:28 PM

Started:

8/13/2021

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	2.1x10^4 CFU/g
Total Coliforms*	TM-27 Culture Plating	10^1 CFU/g	10^2 CFU/g	1.5x10^4 CFU/g	None Detected
otal Yeast and Molds*	TM-24 Culture Plating	10^1 CFU/g	10^2 CFU/g	1.5x10^4 CFU/g	None Detected
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

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

Examples:

10^2 = 100 CFU 10^3 = 1,000 CFU

10^4 = 10,000 CFU

10^5 = 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

lackson Osaghae-Nosa 17-Aug-2021 10:16 AM

Sarah Henning 17-Aug-2021 3:26 PM

PREPARED 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:

#### Vanilla Pouches

# **Zoetic Corporation**

		-octic coi poration		
Batch ID or Lot Number: UT-RD-Vanilla	Test: <b>Mycotoxins</b>	Reported: <b>8/19/21</b>	Location: PO Box 832 Palisade, CO 81526	
Matrix: Concentrate	Test ID: T000156838	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)		
Ochratoxin A	3.4 - 140.6	Result (ppb)	Notes
Aflatoxin B1	5.1140.0	ND	N/A
Aflatoxin B2 Aflatoxin B1 Aflatoxin G1 Aflatoxin G2 Total Aflatoxins (B1, B2, G1, and G2)	1.2 - 35.5 1.2 - 34.5 1 - 35.7 1.3 - 33.7	ND ND ND ND ND	N/A

Gamantha Smuls

Sam Smith 19-Aug-21 1:11 PM

I FIVI

7 62

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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Prepared for:

## Vanilla Pouches

# **Zoetic Corporation**

D		-octic corporation		
Batch ID or Lot Number: UT-RD-Vanilla	Test: Pesticides	Reported: <b>8/20/21</b>	Location: PO Box 832 Palisade, CO 81526	
Matrix:	Test ID:	Started:	USDA License:	
Concentrate	T000156834	8/19/21	N/A	
Status:	Method:	Received:	Sampler ID:	
N/A	TM17(LC-QQQ LC MS/MS):	08/12/2021 @ 01:28 PM	N/A	

# PESTICIDE DETERMINATION

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

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

Samantha Sorrows

APPROVED BY / DATE

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

PREPARED BY / DATE

Definitions

LOQ = Limit of Quantification ppb = Parts per Billion

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Certificate #4329.02



prepared for: Zoetic Corporation

PO Box 832 Palisade, CO 81526

## Vanilla Pouches

Batch ID:

UT-RD-Vanilla

Type:

Concentrate

Test:

Potency

Method:

TM14 (HPLC-DAD)

Test ID:

T000156833

Submitted:

08/12/2021 @ 01:28 PM

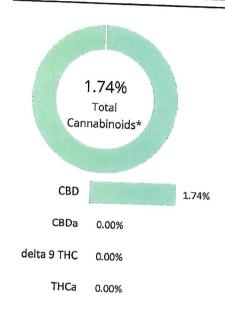
Started:

8/13/2021

Reported:

8/17/2021

# CANNABINOID PROFILE



Compound	LOQ (%)	Daniela (MV)	
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.04	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinol (Delta 9THC)		ND	ND
Cannabidiolic acid (CBDA)	0.05	ND	ND
Cannabidiol (CBD)	0.07	ND	ND
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.07	1.74	17.4
Cannabinolic Acid (CBNA)	0.05	ND	ND
Cannabinol (CBN)	0.03	ND	ND
Cannabigerolic acid (CBGA)	0.01	ND	ND
Cannabigerol (CBG)	0.04	ND	ND
Tetrahydrocana di	0.01	ND	The state of the second second
Tetrahydrocannabivarinic Acid (THCVA)	0.04	ND	ND
Tetrahydrocannabivarin (THCV)	0.01	ND	ND
Cannabidivarinic Acid (CBDVA)	0.03	100 April 100 Ap	ND
Cannabidivarin (CBDV)	0.02	ND	ND
Cannabichromenic Acid (CBCA)	0.02	ND	ND
Cannabichromene (CBC)	0.02	ND	. ND
and the same of th	0.02	ND	ND
Total Cannabinoids			
otal Potential THC**		1.74	17.4
otal Potential CBD**	and the state of t	ND	ND
		1.74	17.4

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 Westernand

Daniel Weidensaul 17-Aug-2021 1:14 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Prepared for:

### Vanilla Pouches

# **Zoetic Corporation**

<b>D</b>		- con polation		
Batch ID or Lot Number: UT-RD-Vanilla	Test: Residual Solvents	Reported: <b>8/17/21</b>	Location: PO Box 832 Palisade, CO 81526	
Matrix:	Test ID:	Started:	USDA License:	
N/A	T000156837	8/16/21	N/A	
Status:	Methods:	Received:	Sampler ID:	
N/A	TM04 (GC-MS): Residual Solven	ts 08/12/2021 @ 01:28 PM	N/A	

# RESIDUAL SOLVENTS DETERMINATION

Solvent	Dynamic Range (ppm)	Result (ppm)	
Propane Butanes	60 - 1206	*ND	Notes
sobutane, n-Butane) Methanol	114 - 2286	*ND	
Pentanol Pentane Ethanol Acetone Isopropyl Alcohol Hexane Ethyl Acetate Benzene Heptanes Toluene Xylenes	44 - 875 64 - 1279 70 - 1393 72 - 1434 76 - 1525 4 - 89 73 - 1458 0 - 3 68 - 1369 13 - 262	*ND	
(m,p,o-Xylenes)	95 - 1906	*ND	

Taylor Brevik 17-Aug-21 1:37 PM

Daniel Wardenson

Daniel Weidensaul 17-Aug-21 1:42 PM

PREPARED BY / DATE

APPROVED BY / DATE

#### **Definitions**

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

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prepared for: ZOETIC CORPORATION

PO BOX 832 PALISADE, CO 81526

#### Peach Pouches

Batch ID:

UT-RD-Peach

Matrix:

Finished Product

Test:

Microbial Contaminants

Method:

TM25 (aPCR)

TM24, TM26, TM27, TM28 (Culture Plating)

Test ID:

T000156829

Received:

08/12/2021 @ 01:28 PM

Started:

8/13/2021

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	>ULOO
Total Coliforms*	TM-27 Culture Plating	10^1 CFU/g	10^2 CFU/g	1.5x10^4 CFU/g	None Detected
Total Yeast and Molds*	TM-24 Culture Plating	10^1 CFU/g	10^2 CFU/g	1.5x10^4 CFU/g	4.9x10^3 CFU/g
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

<sup>\*</sup> Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form 10^2 = 100 CFU

Examples:

10^3 = 1,000 CFU

10^4 = 10,000 CFU

10^5 = 100,000 CFU

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

lackson Osaghae-Nosa 17-Aug-2021

10:16 AM

Sarah Henning 17-Aug-2021 3:26 PM

PREPARED BY / DATE

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Prepared for:

### **Peach Pouches**

# **Zoetic Corporation**

Batch ID or Lot Number: UT-RD-Peach	Test:  Mycotoxins	Reported: <b>8/19/21</b>	Location: PO Box 832 Palisade, CO 81526
Matrix: Concentrate	Test ID: T000156832	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)		
Ochratoxin A		Result (ppb)	Notes
	3.4 - 140.3	ND	N/A
Aflatoxin B1 Aflatoxin B2 Aflatoxin G1 Aflatoxin G2 Total Aflatoxins (B1, B2, G1, and G2)	1.2 - 35.5 1.2 - 34.4 1 - 35.6 1.3 - 33.6	ND ND ND ND ND	

Samantha Smill

Sam Smith 19-Aug-21 1:11 PM

PREPARED BY / DATE

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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Prepared for:

#### **Peach Pouches**

## **Zoetic Corporation**

Batch ID or Lot Number: UT-RD-Peach	Test: <b>Pesticides</b>	Reported: <b>8/20/21</b>	Location: PO Box 832 Palisade, CO 81526
Matrix:	Test ID:	Started:	USDA License:
Concentrate	T000156828	8/19/21	N/A
Status:	Method:	Received:	Sampler ID:
N/A	TM17(LC-QQQ LC MS/MS):	08/12/2021 @ 01:28 PM	N/A

# PESTICIDE DETERMINATION

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

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

Samantha Smil

APPROVED BY / DATE

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

PREPARED BY / DATE

**Definitions** 

LOQ = Limit of Quantification ppb = Parts per Billion

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prepared for: Zoetic Corporation

PO Box 832 Palisade, CO 81526

### Peach Pouches

Batch ID:

UT-RD-Peach

Type:

Concentrate

Test:

Potency

Method:

TM14 (HPLC-DAD)

Test ID:

T000156827

Submitted:

08/12/2021 @ 01:28 PM

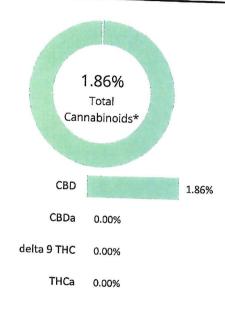
Started:

8/13/2021

Reported:

8/17/2021

# **CANNABINOID PROFILE**



Compound	LOQ (%)	Result (%)	
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.04	The second of th	Result (mg/g
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.05	ND	ND
Cannabidiolic acid (CBDA)	0.07	ND	ND.
Cannabidiol (CBD)		ND	ND
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.07	1.86	18.6
Cannabinolic Acid (CBNA)	0.05	ND	ND
Cannabinol (CBN)	0.03	ND	ND
Cannabigerolic acid (CBGA)	0.01	ND	ND
Cannabigerol (CBG)	0.04	ND	ND
	0.01	ND	ND
Tetrahydrocannabivarinic Acid (THCVA)	0.04	ND	ND
Tetrahydrocannabivarin (THCV)	0.01	ND	ND
Cannabidivarinic Acid (CBDVA)	0.03	ND	
Cannabidivarin (CBDV)	0.02	ND	ND
Cannabichromenic Acid (CBCA)	0.02		ND
Cannabichromene (CBC)	0.02	ND	ND
A Ja City City City	0.02	ND	ND
Total Cannabinoids			
Total Potential THC**		1.86	18.6
Total Potential CBD**		ND	ND
		1.86	18.6

% = % (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)

#### NOTES: N/A

FINAL APPROVAL

Taylor Brevik 17-Aug-2021 1:01 PM

Daniel Westeraul

Daniel Weidensaul 17-Aug-2021 1:14 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Prepared for:

### **Peach Pouches**

# **Zoetic Corporation**

			441011
Batch ID or Lot Number: UT-RD-Peach	Test: Residual Solvents	Reported: <b>8/17/21</b>	Location: PO Box 832 Palisade, CO 81526
Matrix:	Test ID:	Started:	USDA License:
N/A	T000156831	8/16/21	N/A
Status:	Methods:	Received:	Sampler ID:
N/A	TM04 (GC-MS): Residual Solvents	5 08/12/2021 @ 01:28 PM	N/A

# RESIDUAL SOLVENTS DETERMINATION

Solvent	Dynamic Range (ppm)	Result (ppm)	N
Propane Butanes	81 - 1629	*ND	Notes
(Isobutane, n-Butane) Methanol	154 - 3089	*ND	
Pentane Ethanol Acetone Isopropyl Alcohol Hexane Ethyl Acetate Benzene Heptanes Toluene Xylenes	59 - 1182 86 - 1728 94 - 1882 97 - 1937 103 - 2061 6 - 120 99 - 1970 0 - 4 93 - 1850 18 - 354	*ND	
(m,p,o-Xylenes)	129 - 2576	*ND	

Taylor Brevik 17-Aug-21 1:37 PM

Daniel Wartoward

Daniel Weidensaul 17-Aug-21 1:42 PM

PREPARED BY / DATE

APPROVED BY / DATE

#### **Definitions**

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

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prepared for: ZOETIC CORPORATION

PO BOX 832 PALISADE, CO 81526

#### Mint Pouches

Batch ID:

**UT-RD-Mint** 

Matrix.

Finished Product

Test:

Microbial Contaminants

Method:

TM25 (qPCR)

TM24, TM26, TM27, TM28 (Culture Plating)

Test ID:

T000156841

Received:

08/12/2021 @ 01:28 PM

Started:

8/13/2021

Reported:

8/17/2021

## MICROBIAL CONTAMINANTS

Method TM-26 Iture Plating TM-27 Iture Plating	LOD 10^2 CFU/g 10^1 CFU/g	LLOQ 10^3 CFU/g 10^2 CFU/g	<b>ULOQ</b> 1.5x10^5 CFU/g	Result 8.3x10^3 CFU/g
lture Plating TM-27 Iture Plating		- 0		
TM-27 Iture Plating	10^1 CFU/g	- 0		8.3X10^3 CFU/g
lture Plating	10^1 CFU/g	10^2 CELL/a		the state of the s
771 / 0		.0 2 Ci 0/g	1.5x10^4 CFU/g	None Detected
TM-24	1041 6511			- Tonic Delected
lture Plating	TUNT CFU/g	10^2 CFU/g	1.5x10^4 CFU/g	None Detected
TM-28	1 CELL			The Detection
lture Plating	i Cru/g	NA	NA	Absent
TM-25	4 CELL/		2000000	
PCR	i Cro/g	NA	NA	Absent
TM-25	1 CELVe	N		
PCR	i Cru/g	NA	NA	Absent
lt	TM-28 cure Plating TM-25 PCR TM-25	TM-28 1 CFU/g TM-25 1 CFU/g TM-25 1 CFU/g	TM-28 1 CFU/g NA  TM-25 1 CFU/g NA  TM-25 1 CFU/g NA	TM-28 1 CFU/g NA NA TM-25 1 CFU/g NA NA TM-25 1 CFU/g NA NA TM-25 1 CFU/g NA NA

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

Examples:

10^2 = 100 CFU

 $10^3 = 1,000 CFU$ 

10^4 = 10,000 CFU

10^5 = 100,000 CFU

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

lackson Osaghae-Nosa 17-Aug-2021

10:16 AM

Sarah Henning 17-Aug-2021 3:26 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Prepared for:

#### **Mint Pouches**

#### **Zoetic Corporation**

Batch ID or Lot Number: UT-RD-Mint	Test: <b>Mycotoxins</b>	Reported: <b>8/19/21</b>	Location: PO Box 832 Palisade, CO 81526
Matrix: Concentrate	Test ID: T000156844	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	3.3 - 136.2	ND	N/A
Aflatoxin B1	1.1 - 34.4	ND	
Aflatoxin B2	1.2 - 33.4	ND	
Aflatoxin G1	1 - 34,6	ND	
Aflatoxin G2	1.3 - 32.6	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Samantha Smuls 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)

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,





Prepared for:

#### **Mint Pouches**

## **Zoetic Corporation**

Batch ID or Lot Number: UT-RD-Mint	Test: Pesticides	Reported: <b>8/20/21</b>	Location: PO Box 832 Palisade, CO 81526
Matrix:	Test ID:	Started:	USDA License:
Concentrate	T000156840	8/19/21	N/A
Status:	Method:	Received:	Sampler ID:
N/A	TM17(LC-QQQ LC MS/MS):	08/12/2021 @ 01:28 PM	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	
Azoxystrobin	37	ND	Fludioxonil	292	ND	Prophos	285	ND
Bifenazate	40	ND	Hexythiazox	34	ND	Propoxur	34	ND ND
Boscalid	34	ND	Imazalil	286	ND	Pyridaben	303	ND
Carbaryl	30	ND	Imidacloprid	35	ND	Spinosad A	27	ND 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	
Diazinon	296	ND	Methomyl	35	ND	Spiroxamine 2	18	ND
Dichlorvos	277	ND	MGK 264 1	165	ND	Tebuconazole		ND
Dimethoate	33	ND	MGK 264 2	126	ND		322	ND
E-Fenpyroximate	296	ND	Myclobutanil	32	ND	Thiacloprid	35	ND
Etofenprox	35	ND	Naled	36	ND	Thiamethoxam	34	ND
Etoxazole	317	ND	Oxamyl	1500	ND	Trifloxystrobin	36	ND

L Winternheimer

PREPARED BY / DATE

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

Somantha Grado

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

APPROVED BY / DATE

Definitions

LOQ = Limit of Quantification ppb = Parts per Billion

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prepared for: Zoetic Corporation

PO Box 832 Palisade, CO 81526

#### Mint Pouches

Batch ID:

**UT-RD-Mint** 

Type:

Concentrate

Test:

Potency

Method:

TM14 (HPLC-DAD)

Test ID:

T000156839

Submitted:

08/12/2021 @ 01:28 PM

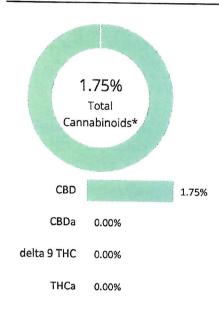
Started:

8/13/2021

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	1.75	17.5
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.05	ND	17.5 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 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		1.75	17.5
Total Potential THC**		ND	17.3 ND
Total Potential CBD**	and the second s	1.75	17.5

NOTES:

N/A

### FINAL APPROVAL



Tavlor Brevik 17-Aug-2021 1:01 PM

Daniel Wortnessel

Daniel Weidensaul 17-Aug-2021 1:14 PM

PREPARED BY / DATE

APPROVED BY / DATE

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<sup>% = % (</sup>w/w) = Percent (Weight of Analyte / Weight of Product)

<sup>\*</sup> Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.

<sup>\*\*</sup> 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)



Prepared for:

#### **Mint Pouches**

# **Zoetic Corporation**

Batch ID or Lot Number: UT-RD-Mint	Test: Residual Solvents	Reported: <b>8/17/21</b>	Location: PO Box 832 Palisade, CO 81526
Matrix:	Test ID:	Started:	USDA License:
N/A	T000156843	8/16/21	N/A
Status:	Methods:	Received:	Sampler ID:
N/A	TM04 (GC-MS): Residual Solvent	s 08/12/2021 @ 01:28 PM	N/A

# RESIDUAL SOLVENTS DETERMINATION

Solvent	Dynamic Range (ppm)	Result (ppm)	Nick
Propane Butanes	63 - 1267	*ND	Notes
(Isobutane, n-Butane)	120 - 2402	*ND	
Methanol Pentane Ethanol Acetone Isopropyl Alcohol Hexane Ethyl Acetate Benzene Heptanes Toluene Xylenes	46 - 919 67 - 1344 73 - 1463 75 - 1506 80 - 1603 5 - 93 77 - 1532 0 - 3 72 - 1439 14 - 275 100 - 2003	*ND	
(m,p,o-Xylenes)	.00 2003	*ND	

Taylor Brevik 17-Aug-21 1:37 PM

Daniel Westerman

Daniel Weidensaul 17-Aug-21 1:42 PM

PREPARED BY / DATE

APPROVED BY / DATE

#### **Definitions**

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

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