



tanasiTM

Updated COA

Manifest: 2302240003

Batch # 1121-F2

Report Date: 03/01/23

Gobi Hemp - Certificate of Analysis



Manifest: 2302240003
Sample ID: 1A-GHEMP-2302240003-0004
Sample Name: Tanasi Wild Alaskan Pollock Oil Softgel - 1121-F2
Sample Type: Infused (edible)
Client ID: CID-50257
Client: GreenWay Tanasi, LLC
Address: 509 W College St, Murfreesboro, TN 37130

Test Performed: Potency
Report No: P-2302240003-V2
Receive Date: 2023-02-24
Test Date: 2023-03-24
Report Date: 2023-03-01
Sample Condition: Good
Method Reference: GH-OP-06

Scope: The content of 21 cannabinoids was determined by an in-house developed method certified by CDPHE for solvent extraction followed by High Performance Liquid Chromatography with Diode Array Detection.

	mg/unit	mg/g
Total THC	0.12	0.08
Total CBD	24.05	16.31
Total CBG	0.20	0.14
Total Cannabinoids	26.07	17.67
Total THC:CBD Ratio	1 : 206.51	
Net Weight (g)	1.48	

Total CBD = CBD + (CBDA x 0.877); Total CBG = CBG + (CBGA x 0.877) Total THC = Δ^9 THC + (THCA x 0.877)

Cannabinoids	mg/unit	mg/g
CBDVA	0.07	0.05
CBDV	0.03	0.02
CBDA	12.26	8.31
CBGA	0.21	0.14
CBG	0.02	0.01
CBD	13.30	9.02
Δ^9 THCV	ND	ND
Δ^9 THCVA	ND	ND
CBN	ND	ND
CBNA	ND	ND
EXO-THC	ND	ND
Δ^9 THC	0.02	0.01
Δ^8 THC	ND	ND
Δ^{10} -S THC	ND	ND
CBL	ND	ND
Δ^{10} -R THC	ND	ND
CBC	ND	ND
Δ^9 THCA	0.11	0.07
CBCA	0.05	0.03
CBLA	ND	ND
CBT	ND	ND

ND - not detected; T - trace; ULOQ - upper limit of quantitation

Lab Comments:

Kristen Kenworthy, Laboratory Operations Manager

2023-03-01

Date



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 • 3940 Youngfield St. • Wheat Ridge CO 80033 • ISO/IEC 17025:2017 Accredited • (303) 955-4934 •





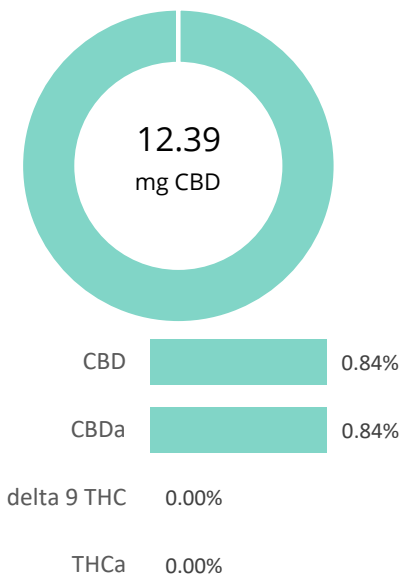
tanasiTM

Full Panel COA from Date of Manufacturing

Tanasi Wild Alaskan Pollock Oil Softgel

Batch ID:	1121-F2	Test ID:	t000190136
Type:	Unit	Submitted:	01/31/2022 @ 11:50 AM
Test:	Potency	Started:	2/2/2022
Method:	TM14 (HPLC-DAD)	Reported:	2/3/2022

CANNABINOID PROFILE



Compound	LOQ (mg)	Result (mg)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.21	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.24	ND	ND
Cannabidiolic acid (CBDA)	0.25	12.42	8.4
Cannabidiol (CBD)	0.24	12.39	8.4
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.27	ND	ND
Cannabinolic Acid (CBNA)	0.15	ND	ND
Cannabinol (CBN)	0.07	ND	ND
Cannabigerolic acid (CBGA)	0.22	ND	ND
Cannabigerol (CBG)	0.05	ND	ND
Tetrahydrocannabivarinic Acid (THCVA)	0.19	ND	ND
Tetrahydrocannabivarin (THCV)	0.05	ND	ND
Cannabidivarinic Acid (CBDVA)	0.10	ND	ND
Cannabidivarin (CBDV)	0.06	ND	ND
Cannabichromenic Acid (CBCA)	0.09	ND	ND
Cannabichromene (CBC)	0.09	ND	ND
Total Cannabinoids		24.81	16.8
Total Potential THC**		ND	ND
Total Potential CBD**		23.28	15.8

% = % (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.

$$\text{Total THC} = \text{THC} + (\text{THCa} * (0.877)) \text{ and}$$



$$\text{Total CBD} = \text{CBD} + (\text{CBDa} * (0.877))$$

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

NOTES:

of Servings = 1, Sample Weight=1.475g

FINAL APPROVAL

 Daniel Weidensaul 3-Feb-2022 5:11 PM	 Rvan Weems 3-Feb-2022 5:21 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 4329.02



Certificate #4329.02

Prepared for:

Tanasi Wild Alaskan Pollock Oil Softgel
GreenWay Tanasi LLC


Batch ID or Lot Number: 1121-F2	Test: Pesticides	Reported: 2/2/22	Location: 509 W College St. Murfreesboro, TN 37130
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Matrix: Concentrate	Test ID: T000190137	Started: 2/1/22	USDA License: N/A
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Status: N/A	Method: TM17(LC-QQQ LC MS/MS):	Received: 01/31/2022 @ 11:50 AM	Sampler ID: N/A
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PESTICIDE DETERMINATION

Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)
Acephate	42	ND	Fenoxycarb	41	ND	Paclobutrazol	41	ND
Acetamiprid	41	ND	Fipronil	64	ND	Permethrin	273	ND
Avermectin	339	ND	Fonicamid	41	ND	Phosmet	42	ND
Azoxystrobin	43	ND	Fludioxonil	313	ND	Prophos	287	ND
Bifenazate	43	ND	Hexythiazox	40	ND	Propoxur	43	ND
Boscalid	40	ND	Imazalil	269	ND	Pyridaben	286	ND
Carbaryl	41	ND	Imidacloprid	44	ND	Spinosad A	33	ND
Carbofuran	42	ND	Kresoxim-methyl	150	ND	Spinosad D	47	ND
Chlorantraniliprole	57	ND	Malathion	302	ND	Spiromesifen	273	ND
Chlorpyrifos	500	ND	Metalaxyl	42	ND	Spirotetramat	290	ND
Clofentezine	287	ND	Methiocarb	45	ND	Spiroxamine 1	19	ND
Diazinon	279	ND	Methomyl	41	ND	Spiroxamine 2	24	ND
Dichlorvos	280	ND	MGK 264 1	161	ND	Tebuconazole	297	ND
Dimethoate	41	ND	MGK 264 2	110	ND	Thiacloprid	45	ND
E-Fenpyroximate	270	ND	Myclobutanil	48	ND	Thiamethoxam	44	ND
Etofenprox	42	ND	Naled	43	ND	Trifloxystrobin	43	ND
Etoxazole	282	ND	Oxamyl	1500	ND			


 Daniel Weidensaul
 2/2/2022
 6:06:00 PM


 Courtney Richards
 2/2/2022
 9:09:00 PM

PREPARED BY / DATE

APPROVED BY / DATE

Definitions

LOQ = Limit of Quantification
 ppb = Parts per Billion

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Certificate #4329.02

Prepared for:


Tanasi Wild Alaskan Pollock Oil Softgel
GreenWay Tanasi LLC

Batch ID or Lot Number: 1121-F2	Test: Residual Solvents	Reported: 2/4/22	Location: 509 W College St. Murfreesboro, TN 37130
Matrix: N/A	Test ID: T000190140	Started: 2/3/22	USDA License: N/A
Status: N/A	Methods: TM04 (GC-MS): Residual Solvents	Received: 01/31/2022 @ 11:50 AM	Sampler ID: N/A

RESIDUAL SOLVENTS DETERMINATION

Solvent	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	84 - 1675	*ND	
Butanes (Isobutane, n-Butane)	173 - 3463	*ND	
Methanol	64 - 1286	*ND	
Pentane	95 - 1904	*ND	
Ethanol	98 - 1955	*ND	
Acetone	105 - 2100	*ND	
Isopropyl Alcohol	111 - 2216	*ND	
Hexane	6 - 127	*ND	
Ethyl Acetate	107 - 2144	*ND	
Benzene	0.2 - 4.3	*ND	
Heptanes	103 - 2053	*ND	
Toluene	20 - 391	*ND	
Xylenes (m,p,o-Xylenes)	144 - 2877	*ND	


 Karen Winternheimer
 4-Feb-22
 1:11 PM


 Ryan Weems
 4-Feb-22
 1:14 PM

PREPARED BY / DATE

APPROVED BY / DATE

Definitions

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

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Certificate #4329.02

Prepared for:

Tanasi Wild Alaskan Pollock Oil Softgel**GreenWay Tanasi LLC**

Batch ID or Lot Number: 1121-F2	Test: Mycotoxins	Reported: 2/7/22	Location: 509 W College St. Murfreesboro, TN 37130
Matrix: Concentrate	Test ID: T000190141	Started: 2/7/22	USDA License: N/A
Status: N/A	Method: TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins	Received: 01/31/2022 @ 11:50 AM	Sampler ID: N/A

MYCOTOXIN DETERMINATION

Compound	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	1.9 - 133.2	ND	N/A
Aflatoxin B1	1 - 34.2	ND	
Aflatoxin B2	1.1 - 34.9	ND	
Aflatoxin G1	1.1 - 34.4	ND	
Aflatoxin G2	1.1 - 32.6	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Hannah Wright
7-Feb-22
5:10 PMRyan Weems
7-Feb-22
5:13 PM

PREPARED BY / DATE

APPROVED BY / DATE

Definitions

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

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Certificate #4329.02

Tanasi Wild Alaskan Pollock Oil Softgel

Batch ID:	1121-F2	Test ID:	T000190138
Matrix:	Finished Product	Received:	01/31/2022 @ 11:50 AM
Test:	Microbial Contaminants	Started:	2/1/2022
Methods:	TM25 (PCR) TM24, TM26, TM27 (Culture Plating)	Reported:	2/4/2022

MICROBIAL CONTAMINANTS

Contaminant	Method	LOD	Quantitation Range	Result
Total Yeast and Mold*	TM-24 Culture Plating	10 ¹ CFU/g	1.0x10 ² - 1.5x10 ⁴ CFU/g	None Detected
Total Aerobic Bacteria*	TM-26 Culture Plating	10 ² CFU/g	1.0x10 ³ - 1.5x10 ⁵ CFU/g	None Detected
Total Coliforms*	TM-27 Culture Plating	10 ¹ CFU/g	1.0x10 ² - 1.5x10 ⁴ CFU/g	None Detected
STEC	TM-25 PCR	10 ⁰ CFU/g	N/A	Absent
Salmonella	TM-25 PCR	10 ⁰ CFU/g	N/A	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 | STEC = Shiga toxin-producing E. coli
LLOQ = Lower Limit of Quantitation | ULOQ = Upper Limit of Quantitation

FINAL APPROVAL


Jackson Osaghae-Nosa
2/4/2022
12:32:00 PM

PREPARED BY / DATE


Brianne Maillot
2/4/2022
1:15:00 PM

APPROVED BY / DATE

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