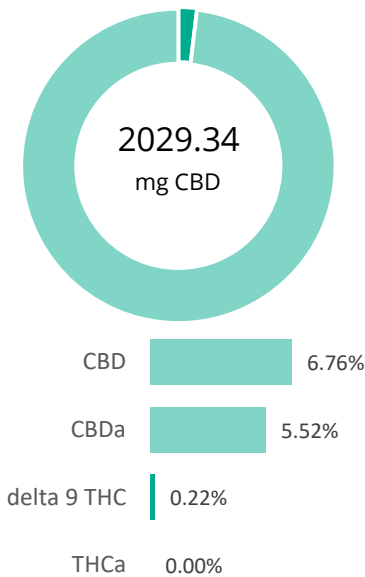


Tanasi GOLD 3600mg Tincture

Batch ID:	(RE33)(RE38)F44	Test ID:	T000167751
Type:	Unit	Submitted:	10/06/2021 @ 05:10 PM
Test:	Potency	Started:	10/8/2021
Method:	TM14 (HPLC-DAD)	Reported:	10/11/2021

CANNABINOID PROFILE



Compound	LOQ (mg)	Result (mg)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	17.59	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	19.85	67.33	2.2
Cannabidiolic acid (CBDA)	16.27	1657.36	55.2
Cannabidiol (CBD)	15.87	2029.34	67.6
Delta 8-Tetrahydrocannabinol (Delta 8THC)	21.86	ND	ND
Cannabinolic Acid (CBNA)	12.52	ND	ND
Cannabinol (CBN)	5.73	5.92	0.2
Cannabigerolic acid (CBGA)	18.35	ND	ND
Cannabigerol (CBG)	4.39	24.38	0.8
Tetrahydrocannabivarinic Acid (THCVA)	15.51	ND	ND
Tetrahydrocannabivarin (THCV)	3.99	ND	ND
Cannabidivarinic Acid (CBDVA)	6.79	ND	ND
Cannabidivarin (CBDV)	3.75	ND	ND
Cannabichromenic Acid (CBCA)	7.07	ND	ND
Cannabichromene (CBC)	7.73	40.89	1.4
Total Cannabinoids		3825.22	127.5
Total Potential THC**		67.33	2.2
Total Potential CBD**		3482.84	116.1

% = % (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=30g

FINAL APPROVAL

 Sam Smith 11-Oct-2021 6:26 PM	 Rvan Weems 11-Oct-2021 6:28 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 GOLD 3600mg Tincture
GreenWay Tanasi LLC


Batch ID or Lot Number: (RE33)(RE38)F44	Test: Pesticides	Reported: 10/8/21	Location: 509 W College St Murfreesboro, TN 37130
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Matrix: Concentrate	Test ID: T000167752	Started: 10/7/21	USDA License: N/A
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Status: N/A	Method: TM17(LC-QQQ LC MS/MS):	Received: 10/06/2021 @ 05:10 PM	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	36	ND	Fenoxycarb	18	ND	Paclobutrazol	40	ND
Acetamiprid	41	ND	Fipronil	30	ND	Permethrin	317	ND
Avermectin	345	ND	Flonicamid	44	ND	Phosmet	40	ND
Azoxystrobin	44	ND	Fludioxonil	282	ND	Prophos	301	ND
Bifenazate	44	ND	Hexythiazox	35	ND	Propoxur	42	ND
Boscalid	42	ND	Imazalil	292	ND	Pyridaben	341	ND
Carbaryl	38	ND	Imidacloprid	38	ND	Spinosad A	38	ND
Carbofuran	41	ND	Kresoxim-methyl	150	ND	Spinosad D	57	ND
Chlorantraniliprole	41	ND	Malathion	308	ND	Spiromesifen	281	ND
Chlorpyrifos	500	ND	Metalaxyl	43	ND	Spirotetramat	292	ND
Clofentezine	292	ND	Methiocarb	40	ND	Spiroxamine 1	18	ND
Diazinon	303	ND	Methomyl	40	ND	Spiroxamine 2	25	ND
Dichlorvos	283	ND	MGK 264 1	160	ND	Tebuconazole	306	ND
Dimethoate	41	ND	MGK 264 2	114	ND	Thiacloprid	41	ND
E-Fenpyroximate	336	ND	Myclobutanil	38	ND	Thiamethoxam	39	ND
Etofenprox	42	ND	Naled	47	ND	Trifloxystrobin	44	ND
Etoxazole	312	ND	Oxamyl	1500	ND			


 Karen Winternheimer
 10/8/2021
 8:59:00 AM


 Alex Smith
 10/8/2021
 3:15:00 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 GOLD 3600mg Tincture
GreenWay Tanasi LLC


Batch ID or Lot Number: (RE33)(RE38)F44	Test: Metals	Reported: 10/12/21	Location: 509 W College St Murfreesboro, TN 37130
Matrix: Unit	Test ID: T000167754	Started: 10/11/21	USDA License: N/A
Status: N/A	Method: TM19 (ICP-MS): Heavy Metals	Received: 10/06/2021 @ 05:10 PM	Sampler ID: N/A

HEAVY METALS DETERMINATION

Compound	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.041 - 4.12	ND	
Cadmium	0.043 - 4.29	ND	
Mercury	0.042 - 4.21	ND	
Lead	0.047 - 4.72	ND	


 Daniel Weidensaul
 12-Oct-21
 11:22 AM

PREPARED BY / DATE


 Ryan Weems
 12-Oct-21
 11:24 AM

APPROVED BY / DATE

Definitions

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

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Certificate #4329.02


Prepared for:

Tanasi GOLD 3600mg Tincture
GreenWay Tanasi LLC

Batch ID or Lot Number: (RE33)(RE38)F44	Test: Residual Solvents	Reported: 10/11/21	Location: 509 W College St Murfreesboro, TN 37130
Matrix: N/A	Test ID: T000167755	Started: 10/11/21	USDA License: N/A
Status: N/A	Methods: TM04 (GC-MS): Residual Solvents	Received: 10/06/2021 @ 05:10 PM	Sampler ID: N/A

RESIDUAL SOLVENTS DETERMINATION

Solvent	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	78 - 1556	*ND	
Butanes (Isobutane, n-Butane)	152 - 3045	*ND	
Methanol	60 - 1191	*ND	
Pentane	81 - 1627	*ND	
Ethanol	88 - 1768	*ND	
Acetone	93 - 1861	*ND	
Isopropyl Alcohol	98 - 1964	*ND	
Hexane	6 - 112	*ND	
Ethyl Acetate	93 - 1868	*ND	
Benzene	0 - 4	*ND	
Heptanes	86 - 1727	*ND	
Toluene	17 - 339	*ND	
Xylenes (m,p,o-Xylenes)	125 - 2493	*ND	


 Hannah Wright
 11-Oct-21
 4:26 PM

PREPARED BY / DATE


 Sam Smith
 11-Oct-21
 4:34 PM

APPROVED BY / DATE

Definitions

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

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Certificate #4329.02

Tanasi GOLD 3600mg Tincture

Batch ID:	(RE33)(RE38)F44	Test ID:	T000167753
Matrix:	Finished Product	Received:	10/06/2021 @ 05:10 PM
Test:	Microbial Contaminants	Started:	10/7/2021
Method:	TM25 (qPCR) TM24, TM26, TM27, TM28 (Culture Plating)	Reported:	10/11/2021

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	None Detected
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	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

* 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-Nosa
 10/11/2021
 12:08:00 PM

PREPARED BY / DATE


 Brett Hudson
 10/11/2021
 3:47:00 PM

APPROVED BY / DATE

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Certificate #4329.03


Prepared for:

Tanasi GOLD 3600mg Tincture
GreenWay Tanasi LLC


Batch ID or Lot Number: (RE33)(RE38)F44	Test: Mycotoxins	Reported: 10/12/21	Location: 509 W College St Murfreesboro, TN 37130
Matrix: Concentrate	Test ID: T000167756	Started: 10/11/21	USDA License: N/A
Status: N/A	Method: TM18 (UHPLC-QQ LCMS/MS): Mycotoxins	Received: 10/06/2021 @ 05:10 PM	Sampler ID: N/A

MYCOTOXIN DETERMINATION

Compound	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	1.5 - 135.9	ND	N/A
Aflatoxin B1	1.1 - 34.8	ND	
Aflatoxin B2	1 - 34.7	ND	
Aflatoxin G1	1 - 34.4	ND	
Aflatoxin G2	1 - 34.1	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	


 Sam Smith
 12-Oct-21
 7:53 AM

PREPARED BY / DATE


 Courtney Richards
 12-Oct-21
 10:03 AM

APPROVED BY / DATE

Definitions

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

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