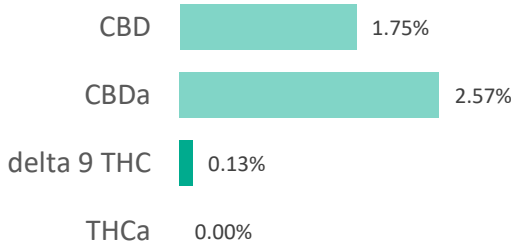
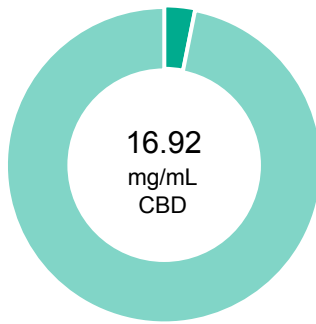


**Tanasi 1200mg**

<b>Batch ID:</b>	12003-201120	<b>Test ID:</b>	T000112821
<b>Type:</b>	Solution	<b>Submitted:</b>	11/30/2020 @ 12:01 PM
<b>Test:</b>	Potency	<b>Started:</b>	12/1/2020
<b>Method:</b>	TM14	<b>Reported:</b>	12/2/2020

**CANNABINOID PROFILE**


Compound	LOQ (mg/mL)	Result (mg/mL)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.47	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.23	1.28	1.3
Cannabidiolic acid (CBDA)	0.18	24.84	25.7
Cannabidiol (CBD)	0.39	16.92	17.5
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.25	ND	ND
Cannabinolic Acid (CBNA)	0.66	ND	ND
Cannabinol (CBN)	0.29	ND	ND
Cannabigerolic acid (CBGA)	0.41	ND	ND
Cannabigerol (CBG)	0.23	0.37	0.4
Tetrahydrocannabivarinic Acid (THCVA)	0.40	ND	ND
Tetrahydrocannabivarin (THCV)	0.21	ND	ND
Cannabidivarinic Acid (CBDVA)	0.18	ND	ND
Cannabidivarin (CBDV)	0.10	0.34	0.4
Cannabichromenic Acid (CBCA)	0.36	ND	ND
Cannabichromene (CBC)	0.42	0.61	0.6
<b>Total Cannabinoids</b>		<b>44.36</b>	<b>46.0</b>
<b>Total Potential THC**</b>		<b>1.28</b>	<b>1.3</b>
<b>Total Potential CBD**</b>		<b>38.70</b>	<b>40.1</b>



**NOTES:**

Density = 0.965g/mL

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 2-Dec-2020 10:54 AM		Greg Zimpfer 2-Dec-2020 5:01 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

## Tanasi 1200mg

<b>Batch ID:</b>	12003-201120	<b>Test ID:</b>	T000112822
<b>Type:</b>	Concentrate	<b>Submitted:</b>	11/30/2020 @ 12:01 PM
<b>Test:</b>	Residual Solvents	<b>Started:</b>	12/2/2020
<b>Method:</b>	TM04	<b>Reported:</b>	12/2/2020

## RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	120 - 2398	*ND
Butanes (Isobutane, n-Butane)	219 - 4379	*ND
Methanol	62 - 1233	*ND
Pentane	104 - 2077	*ND
Ethanol	105 - 2094	*ND
Acetone	102 - 2042	*ND
Isopropyl Alcohol	106 - 2115	*ND
Hexane	6 - 123	*ND
Ethyl Acetate	103 - 2056	*ND
Benzene	0.2 - 4.1	*ND
Heptanes	101 - 2014	*ND
Toluene	18 - 362	*ND
Xylenes (m,p,o-Xylenes)	133 - 2651	*ND

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


NOTES:  
N/A

## FINAL APPROVAL



Mara Miller  
2-Dec-2020  
2:14 PM

PREPARED BY / DATE



Greg Zimpfer  
2-Dec-2020  
4:29 PM

APPROVED BY / DATE

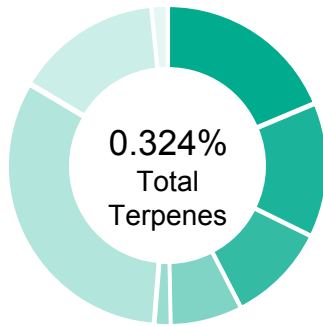
Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. 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



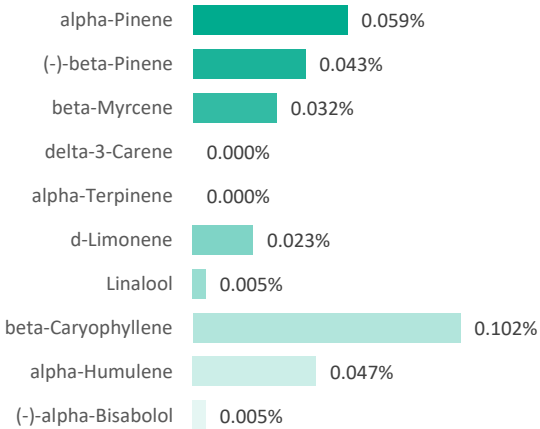
Certificate #4329.02

**Tanasi 1200mg**

<b>Batch ID:</b>	12003-201120	<b>Test ID:</b>	T000112824
<b>Type:</b>	Concentrate	<b>Submitted:</b>	11/30/2020 @ 12:01 PM
<b>Test:</b>	Terpenes	<b>Started:</b>	12/3/2020
<b>Method:</b>	TM22	<b>Reported:</b>	12/4/2020

**TERPENE PROFILE**


Compound	%(w/w)	mg/g
(-)-alpha-Bisabolol	0.005	0.05
Camphene	0.000	0
delta-3-Carene	0.000	0
beta-Caryophyllene	0.102	1.02
(-)-Caryophyllene Oxide	0.007	0.07
p-Cymene	0.000	0
Eucalyptol	0.000	0
Geraniol	0.000	0
alpha-Humulene	0.047	0.47
(-)-Isopulegol	0.000	0
d-Limonene	0.023	0.23
Linalool	0.005	0.05
beta-Myrcene	0.032	0.32
cis-Nerolidol	0.000	0
trans-Nerolidol	0.000	0
Ocimene	0.001	0.01
beta-Ocimene	0.000	0
alpha-Pinene	0.059	0.59
(-)-beta-Pinene	0.043	0.43
alpha-Terpinene	0.000	0
gamma-Terpinene	0.000	0
Terpinolene	0.000	0
	<b>0.324%</b>	<b>3.24</b>

**PREDOMINANT TERPENES**

 NOTES:  
 0

**FINAL APPROVAL**


 Daniel Weidensaul  
 4-Dec-2020  
 1:25 PM



 Ben Minton  
 4-Dec-2020  
 1:59 PM

PREPARED BY / DATE

APPROVED BY / DATE

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC. 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

**Tanasi 1200mg**


<b>Batch ID:</b>	12003-201120	<b>Test ID:</b>	T000112825
<b>Type:</b>	Concentrate	<b>Submitted:</b>	11/30/2020 @ 12:01 PM
<b>Test:</b>	Pesticides	<b>Started:</b>	12/1/2020
<b>Method:</b>	TM17	<b>Reported:</b>	12/2/2020

**PESTICIDE RESIDUE**


Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	49 - 2184	ND*	Malathion	230 - 2184	ND*
Acetamiprid	39 - 2184	ND*	Metalaxyl	31 - 2184	ND*
Abamectin	>232	ND*	Methiocarb	36 - 2184	ND*
Azoxystrobin	30 - 2184	ND*	Methomyl	46 - 2184	ND*
Bifenazate	25 - 2184	ND*	MGK 264 1	155 - 2184	ND*
Boscalid	36 - 2184	ND*	MGK 264 2	101 - 2184	ND*
Carbaryl	33 - 2184	ND*	Myclobutanil	38 - 2184	ND*
Carbofuran	34 - 2184	ND*	Naled	48 - 2184	ND*
Chlorantraniliprole	52 - 2184	ND*	Oxamyl	41 - 2184	ND*
Chlorpyrifos	27 - 2184	ND*	Paclobutrazol	36 - 2184	ND*
Clofentezine	263 - 2184	ND*	Permethrin	270 - 2184	ND*
Diazinon	238 - 2184	ND*	Phosmet	36 - 2184	ND*
Dichlorvos	>279	ND*	Prophos	287 - 2184	ND*
Dimethoate	43 - 2184	ND*	Propoxur	35 - 2184	ND*
E-Fenpyroximate	208 - 2184	ND*	Pyridaben	257 - 2184	ND*
Etofenprox	32 - 2184	ND*	Spinosad A	29 - 2184	ND*
Etoxazole	250 - 2184	ND*	Spinosad D	72 - 2184	ND*
Fenoxycarb	>34	ND*	Spiromesifen	>218	ND*
Fipronil	21 - 2184	ND*	Spirotetramat	>222	ND*
Flonicamid	48 - 2184	ND*	Spiroxamine 1	15 - 2184	ND*
Fludioxonil	>251	ND*	Spiroxamine 2	20 - 2184	ND*
Hexythiazox	27 - 2184	ND*	Tebuconazole	235 - 2184	ND*
Imazalil	223 - 2184	ND*	Thiacloprid	41 - 2184	ND*
Imidacloprid	42 - 2184	ND*	Thiamethoxam	38 - 2184	ND*
Kresoxim-methyl	37 - 2184	ND*	Trifloxystrobin	38 - 2184	ND*

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

N/A

**FINAL APPROVAL**

 Taylor Brevik  
 2-Dec-2020  
 1:26 PM

PREPARED BY / DATE


 Greg Zimpfer  
 2-Dec-2020  
 5:13 PM

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.

## Tanasi 1200mg

<b>Batch ID:</b>	12003-201120	<b>Test ID:</b>	T000112823
<b>Type:</b>	Edible	<b>Submitted:</b>	11/30/2020 @ 12:01 PM
<b>Test:</b>	Microbial Contaminants	<b>Started:</b>	12/2/2020
<b>Method:</b>	TM24, TM25, TM26, TM27, TM28	<b>Reported:</b>	12/7/2020

## MICROBIAL CONTAMINANTS

Contaminant	Result (CFU/g)*
<b>Total Aerobic Count**</b>	None Detected
<b>Total Coliforms**</b>	None Detected
<b>Total Yeast and Molds**</b>	None Detected
<b>E. coli</b>	Absent
<b>STEC and 0157 E. coli</b>	None Detected
<b>Salmonella</b>	None Detected

\* CFU/g = Colony Forming Unit per Gram

\*\* 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

TYM: None Detected

Total Aerobic: None Detected

Coliforms: None Detected

## FINAL APPROVAL

  
Sarah Henning  
7-Dec-2020  
9:48 AM  
Ben Minton  
7-Dec-2020  
9:50 AM

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.



Certificate #4329.03

## Tanasi 1200mg


<b>Batch ID:</b>	12003-201120	<b>Test ID:</b>	T000112826
<b>Type:</b>	Other	<b>Submitted:</b>	11/30/2020 @ 12:01 PM
<b>Test:</b>	Metals	<b>Started:</b>	12/2/2020
<b>Method:</b>	TM19	<b>Reported:</b>	12/4/2020

## HEAVY METALS

Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.072 - 7.18	ND
Cadmium	0.073 - 7.28	ND
Mercury	0.071 - 7.09	ND
Lead	0.070 - 7.05	ND

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

## FINAL APPROVAL

  
Ryan Weems  
4-Dec-2020  
12:03 PM

PREPARED BY / DATE

  
Greg Zimpfer  
4-Dec-2020  
12:35 PM

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.