

CUSTOMER INFORMATION

Customer: Lux Botanics
Phone No.: 706-202-5058
E-mail: nathan@luxbotanics.com

SAMPLE INFORMATION

Sample Name: Lux Sleep Potion
Sample Description: Oil
Sample ID: SAMPLE- 3676
Sample Received On: 12/16/2020



CANNABINOID POTENCY **Date Tested: 12/17/2020**
Operator: Shawn Manns

ANALYTE	LOD (mg/g)	LOQ (mg/g)	Concentration (mg/g)	Concentration (%)
CBD	0.04	0.13	15.40	1.54
CBDA	0.04	0.13	1.60	0.16
delta-9 THC	0.04	0.13	3.21	0.32
delta-9 THCA	0.04	0.13	ND	ND
CBG	0.04	0.13	1.81	0.18
CBGA	0.04	0.13	0.48	0.05
CBN	0.04	0.13	0.78	0.08
CBC	0.04	0.13	0.14	0.01
delta-8 THC	0.04	0.13	0.44	0.04
THCV	0.04	0.13	ND	ND
Total CBD			16.80	1.68
Total THC			3.21	0.32

Total CBD = CBDA * 0.877 + CBD

Total delta-9 THC = THCA * 0.877 + delta-9 THC

The Measurement Uncertainty for Total THC at 0.3% is +/-0.05%. The range for Total THC is 0.25%-0.35%.



CERTIFICATE OF ANALYSIS

ECC Test Lab
3154 State Street, Suite 2010
Blacksburg, VA 24060
540-682-3765
info@ecctestlab.com

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PESTICIDES		Date Tested: 12/18/2020 Operator: Jennifer Hay
ANALYTE	RESULTS (PPM)	
Abamectin	ND	
Acephate	ND	
Acequinocyl	ND	
Acetamiprid	ND	
Aldicarb	ND	
Azoxystrobin	ND	
Bifenazate	ND	
Bifenthrin	ND	
Boscalid	ND	
Carbaryl	ND	
Carbofuran	ND	
Chlorantraniliprole	ND	
Chlorfenapyr	ND	
Chlorpyrifos	ND	
Clofentezine	ND	
Daminozide	ND	
Diazinon	ND	
Dichlorvos	ND	
Dimethoate	ND	
Ethoprophos	ND	
Piperonyl butoxide	ND	
Etofenprox	ND	
Etoxazole	ND	
Pyridaben	ND	
Fenpyroximate	ND	
Fenoxycarb	ND	
Spiromesifen	ND	
Fipronil	ND	

PESTICIDES		Date Tested: 12/18/2020 Operator: Jennifer Hay
ANALYTE	RESULTS (PPM)	
Flonicamid	ND	
Spirotetramat	ND	
Fludioxonil	ND	
Imazalil	ND	
Tebuconazole	ND	
Imidacloprid	ND	
Kresoxim-methyl	ND	
Thiamethoxam	ND	
Malathion	ND	
Metalaxyl	0.577	
Trifloxystrobin	ND	
Methiocarb	ND	
Prallethrin	ND	
Methomyl	ND	
MGK-264	ND	
Myclobutanil	ND	
Propiconazole	ND	
Naled	ND	
Oxamyl	ND	
Paclobutrazol	ND	
Propoxur	ND	
Spiroxamine	ND	
Thiacloprid	ND	
Pyrethrin I	ND	
Spinosad	ND	

The sample was analyzed for pesticides using LiquidChromatography with Mass Spectrometric detection (LC-MS/MS).The LOQ for the method is 25ppb.





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HEAVY METALS		Date Tested: 12/21/2020
		Operator: Jennifer Hay
ANALYTE	RESULTS (PPM)	
Inorganic Arsenic	ND	
Cadmium	ND	
Lead	0.04	
Methyl Mercury	ND	

The sample was analyzed for heavy metals in Inductively Coupled Plasma Mass Spectrometry (ICP-MS)The LOQ for arsenic is 0.75ppb; cadmium is 0.25ppb; mercury is 0.15ppb; and lead is 0.25ppb.

MYCOTOXINS		Date Tested: 12/18/2020
		Operator: Jennifer Hay
ANALYTE	RESULTS (PPB)	
Ochratoxin A	ND	
Aflatoxin B1	ND	
Aflatoxin B2	ND	
Aflatoxin G1	ND	
Aflatoxin G2	ND	

The sample was analyzed for mycotoxins using Liquid Chromatography with Mass Spectrometric detection (LC-MS/MS).The LOQ for the method is 25ppb.

RESIDUAL SOLVENTS		Date Tested: 12/21/2020
		Operator: Jennifer Hay
ANALYTE	RESULTS (PPM)	
Acetonitrile	ND	
Benzene	ND	
Chloroform	ND	
Cyclohexane	ND	
1,2-Dichloroethane	ND	
Diethyl Ether	ND	
Ethanol	ND	
Ethyl acetate	ND	
n-Heptane	ND	
n-Hexane	ND	

RESIDUAL SOLVENTS		Date Tested: 12/21/2020
		Operator: Jennifer Hay
ANALYTE	RESULTS (PPM)	
Methanol	ND	
Methylene chloride	ND	
n-Pentane	ND	
2-Propanol (isopropanol)	ND	
Toluene	ND	
Trichloroethene	ND	
Total Xylene	ND	
Acetone	ND	

The sample was analyzed for residual solvents using Head-Space GasChromatography with Mass Spectrometric detection (GC-MS).The LOQ for the method is 2ppm or 0.002%.





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MICROBIOLOGICAL IMPURITY		Date Tested: 12/22/2020 Operator: Shawn Manns
Microbe	CFU/g	
Total Aerobic Microbial Count(TAMC)	0.0	
Total Yeast and Mold Count(TYMC)	0.0	
Microbe	Present/Absent	
E. COLI	Absent	
Salmonella	Absent	

ND = Not Detected, LOD = Limit of Detection, LOQ = Limit of Quantification
PPM = Parts per Million = mg/kg, PPB = Parts per Billion = ug/kg, CFU/g = Colony Forming Units per gram

Results below the LOQ are reported as ND.

Testing results are based solely on the sample submitted to ECC Test Lab in the condition it was received. This product has been tested by ECC Test Lab using valid testing methodologies. Values reported relating only to the product tested. ECC Test Lab makes no claims as to the efficacy, safety, or other risks with any detected or non-detected levels of any compound reported herein. This Certificate of Analysis shall not be reproduced except in full without the express written consent of the ECC Test Lab.

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