Ecogreen Analytics (Pty) Ltd.
Unit 13 Kingfisher Park, Ou Paardevlei Rd, The Interchange, Somerset West, 7130 +27 72 651 2826

CERTIFICATE OF ANALYSIS

Sample : **Bliss Kanna Extract**
Lab ID : **JB25-070-02**

Flow Labs LLC
Ryan Latreille
101 Cooper St
Santa Cruz CA
95060
+1 805 707 2249
ryan@flowlabs.life

DATES :
Received: 2025/02/24
Started: 2025/02/28
Reported: 2025/03/17

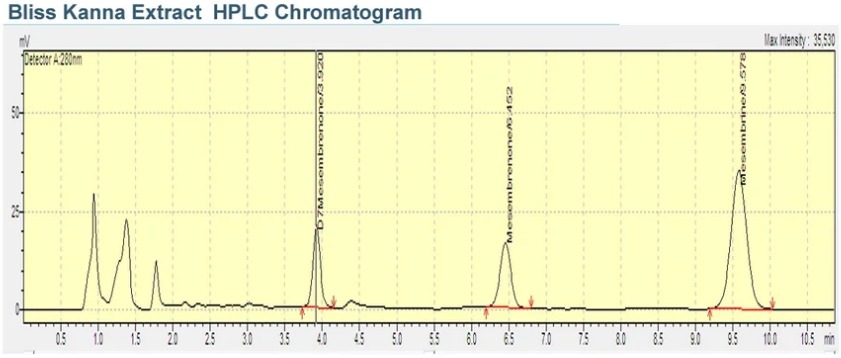
Testing Laboratory Licence: 0000001451.-.1

Alkaloids

Alkaloids	Method Code	LOQ	Area %	% weight
delta-7 Mesembrenone	ME-EA-006	0.0001	**17.1765**	**1.5514**
Mesembrenone	ME-EA-006	0.0001	**20.1357**	**2.7290**
Mesembrine	ME-EA-006	0.0001	**62.6878**	**5.1922**
Mesembrenol	ME-EA-006	N/A	N/A	**ND**
Mesembranol	ME-EA-006	N/A	N/A	**ND**
Total Alkaloids	ME-EA-006	0.0001	N/A	**9.4726**

ME-EA-006: *The determination of Alkaloids in plant material and extracts by high performance liquid chromatography (HPLC) with ultra-violet (UV) detection and gas chromatography - mass spectrometry (GCMS) followed by NIST library spectrum search.*

Bliss Kanna Extract HPLC Chromatogram



Heavy Metals

Heavy Metals	Method Code	LOQ	mg/kg	*Acceptance Criterion*
Arsenic (As)	(2.4.27)	0.01	**<0.01**	*Maximum 0.2mg/kg*
Cadmium (Cd)	(2.4.27)	0.01	**<0.01**	*Maximum 0.3mg/kg*
Lead (Pb)	(2.4.27)	0.01	**<0.01**	*Maximum 0.5mg/kg*
Mercury (Hg)	(2.4.27)	0.01	**<0.01**	*Maximum 0.1mg/kg*
***Subcontracted analysis**				

Microbials

Microbials	Method Code	LOQ	cfu/g	*Microbial Quality of Herbal Medicinal Products*
Total Viable Bacterial Count	(2.6.12)	-	**NO GROWTH**	*10^4 cfu/g Maximum 50 000 cfu/g*
Total Yeast Count	(2.6.12)	-	**NO GROWTH**	*10^2 cfu/g Maximum 500 cfu/g*
Total Mould Count	(2.6.12)	-	**NO GROWTH**	*10^2 cfu/g Maximum 500 cfu/g*
Enterobacteriaceae Count	-	-	**NO GROWTH**	
Psuedomonas aeruginosa Detection	-	-	**NEGATIVE**	
Staphylococcus aureus Detection	-	-	**NEGATIVE**	
Salmonella spp.	(2.6.31)	-	**NEGATIVE**	*Absence/25g*
Escherichia coli Detection	(2.6.31)	-	**NEGATIVE**	*Absence/1g*
***Subcontracted analysis**				

Gregory Ondrejkovic
Laboratory Manager

Signature

2025/03/17
Date

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Pesticides Screen GC/MS

The following pesticides were screened for by GC/MS in SIM/Scan mode:

	Method Code	LOQ	ND/D
Dichlorvos	ME-EA-009	N/A	**ND**
Phorate	ME-EA-009	N/A	**ND**
BHC-alpha	ME-EA-009	N/A	**ND**
Dimethoate	ME-EA-009	N/A	**ND**
BHC-beta	ME-EA-009	N/A	**ND**
BHC-gamma	ME-EA-009	N/A	**ND**
Pentachloronitrobenzene	ME-EA-009	N/A	**ND**
Pyrimethanil	ME-EA-009	N/A	**ND**
Diazinon	ME-EA-009	N/A	**ND**
BHC-delta	ME-EA-009	N/A	**ND**
Chlorothalonil	ME-EA-009	N/A	**ND**
Vinclozolin	ME-EA-009	N/A	**ND**
Parathion-methyl	ME-EA-009	N/A	**ND**
Fenitrothion	ME-EA-009	N/A	**ND**
Malathion	ME-EA-009	N/A	**ND**
Fenthion	ME-EA-009	N/A	**ND**
Chlopyrifos	ME-EA-009	N/A	**ND**
Parathion	ME-EA-009	N/A	**ND**
Triadimethon	ME-EA-009	N/A	**ND**
Isocarbophos	ME-EA-009	N/A	**ND**
Isofenphos-methyl	ME-EA-009	N/A	**ND**
Fipronil	ME-EA-009	N/A	**ND**
Procymidone	ME-EA-009	N/A	**ND**
Profenofos	ME-EA-009	N/A	**ND**
DDE-p-p'	ME-EA-009	N/A	**ND**
DDD-p-p'	ME-EA-009	N/A	**ND**
DDT-o-p'	ME-EA-009	N/A	**ND**
DDT-p-p'	ME-EA-009	N/A	**ND**
Iprodione	ME-EA-009	N/A	**ND**
Phosmet	ME-EA-009	N/A	**ND**
Bifenthrin	ME-EA-009	N/A	**ND**
Fenpropathrin	ME-EA-009	N/A	**ND**
Phosalone	ME-EA-009	N/A	**ND**
Cyhalothrin	ME-EA-009	N/A	**ND**
Permethrin	ME-EA-009	N/A	**ND**
Cyfluthrin	ME-EA-009	N/A	**ND**
Cypermethrin	ME-EA-009	N/A	**ND**
Flucythrinate	ME-EA-009	N/A	**ND**
Fenvalerate	ME-EA-009	N/A	**ND**
Fluvalinate-tau	ME-EA-009	N/A	**ND**
Deltamethrin	ME-EA-009	N/A	**ND**

***ND/D - Not Detected/Detected**

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Residual Solvents

	Method Code	LOQ	ppm
Propane	ME-EA-004	1.00	**<1.00**
Butane	ME-EA-004	1.00	**<1.00**
n-Pentane	ME-EA-004	1.00	**<1.00**
Acetone	ME-EA-004	1.00	**<1.00**
Acetonitrile	ME-EA-004	1.00	**<1.00**
Hexane	ME-EA-004	1.00	**<1.00**
Ethyl Acetate	ME-EA-004	1.00	**<1.00**
Heptane	ME-EA-004	1.00	**<1.00**
Methanol	ME-EA-004	1.00	**<1.00**
Diethyl ether	ME-EA-004	1.00	**<1.00**
Ethanol	ME-EA-004	1.00	**<1.00**
Isopropanol	ME-EA-004	1.00	**<1.00**
Toluene	ME-EA-004	1.00	**<1.00**
m+p-Xylene	ME-EA-004	1.00	**<1.00**
o-Xylene	ME-EA-004	1.00	**<1.00**
Ethylene Oxide	ME-EA-004	1.00	**<1.00**
2-Chloroethanol	ME-EA-004	1.00	**<1.00**

ME-EA-004: The determination of residual solvents by headspace gas chromatography with mass spectrometric detection (HS-

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CERTIFICATE OF ANALYSIS

Sample : **Bliss Kanna Extract**
Lab ID : **JB25-070-02**

Harvest/Lot : N/A
Batch # : N/A
Batch Date : N/A
Sample Size Received : 18g
Sample Matrix: Sceletium Tortuosum Extract
Retail Product Size : N/A
Sampling Method : NA

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SAHPRA South African Health Products Regulatory Authority

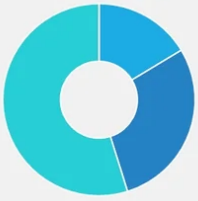
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Heavy Metals
TESTED **mg/kg**

Pesticides
TESTED **ND/D**

Total Alkaloids



Microbials
TESTED **cfu/g**

Residual Solvents
TESTED **ppm**

Samples analysed as received. Solid samples expressed on a dry weight basis. Unless otherwise indicated, samples were received in containers fit for purpose.
Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was (were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativity of all goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted.

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Gregory Ondrejkovic
Technical Director

Signature

2025/03/17
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FOOTNOTES:

IS	*Insufficient sample for analysis*
LNR	*Sample listed, but not received*
+	*This analysis is not covered by the scope of accreditation*
*****	*Performed by outside laboratory*
LOQ	*Limit of Quantification*
-	*The sample was not analysed for this analyte*