

CERTIFICATE OF ANALYSIS

Sample : **Kanna Paste**
Lab ID : **JB25-362-01**

Harvest/Lot : **N/A**
Batch # : **N/A**
Batch Date : **N/A**
Sample Size Received : **2g**
Sample Matrix: **Extract**
Retail Product Size : **N/A**
Sampling Method : **N/A**

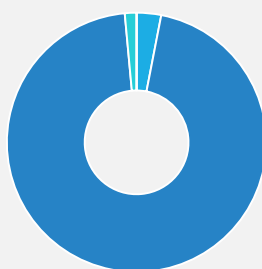
White Goma
Hankus Loubser
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RSA
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+27 67 337 5362



DATES : Received: 2025/07/23
Started: 2025/08/12
Reported: 2025/08/21

Testing Laboratory Licence: 0000001451.-.1

Total Kanna Alkaloids %



- delta-7 Mesembrenone
- Mesembrenone
- Mesembrine
- Mesembrenol
- Mesembranol

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.

Any unauthorised alteration, forgery or falsification of the content or appearance of this document is unlawful, and offenders may be prosecuted to the fullest extent of the law.

Gregory Ondrejko
Laboratory Manager

Signature

2025/08/21
Date

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



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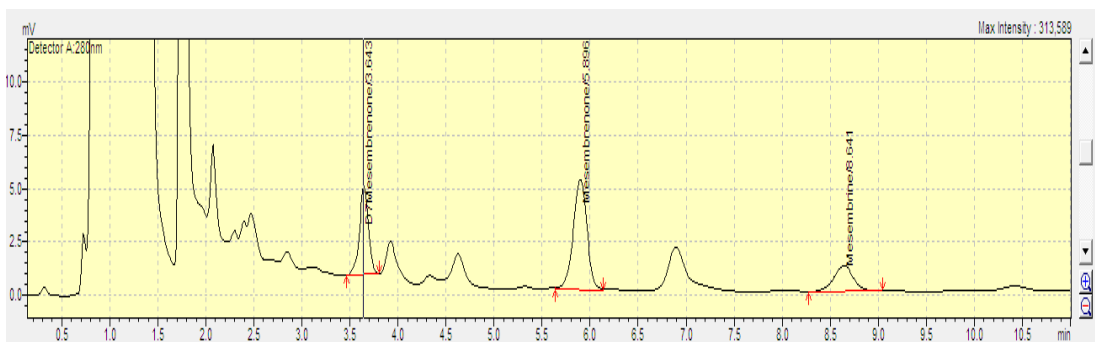
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Alkaloids	Method Code	LOQ	Area %	%
delta-7 Mesembrenone	ME-EA-006	0.0001	28.5053	0.0227
Mesembrenone	ME-EA-006	0.0001	53.8226	0.7092
Mesembrine	ME-EA-006	0.0001	17.6721	0.0109
Mesembrenol	ME-EA-006	N/A	ND	ND
Mesembranol	ME-EA-006	N/A	ND	ND
Total Alkaloids	ME-EA-006	0.0003	N/A	0.7427

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.

Kanna Paste HPLC Chromatogram



Gregory Ondrejovic
Laboratory Manager

Signature

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