

Certificate of Analysis

Client:	Ostara Médical	20-Apr-2023 Date Received
Sample Name:	OM-001-LVL-001	21-Apr-2023 Analysis Date
Sample ID	CNF-1527-03	25-Apr-2023 Reporting Date
Sample Type:	Dried Cannabis	
Certificate Number:	2023-01211 Rev 1	

Cannabinoids	Method (Date of last validation:25-03-2022)	LOD (%w/w)	Result (%w/w)	LOD(mg/g)	Result (mg/g)
Tetrahydrocannabinol (d9-THC)	HPLC-UV Validated Assay CN0001	0.04	0.72	0.4	7.2
Tetrahydrocannabinol Acid A (THCA)	HPLC-UV Validated Assay CN0001	0.04	8.84	0.4	88.4
Cannabidiol (CBD)	HPLC-UV Validated Assay CN0001	0.04	0.36	0.4	3.6
Cannabidiolic Acid (CBDA)	HPLC-UV Validated Assay CN0001	0.04	13.70	0.4	137.0
Cannabigerol (CBG)	HPLC-UV Validated Assay CN0001	0.04	0.05	0.4	0.5
Cannabigerolic Acid (CBGA)	HPLC-UV Validated Assay CN0001	0.04	1.20	0.4	12.0
Cannabichromene (CBC)	HPLC-UV Validated Assay CN0001	0.04	0.10	0.4	1.0
Cannabidivarin (CBDV)	HPLC-UV Validated Assay CN0001	0.04	<0,04	0.4	<0,4
Cannabinol (CBN)	HPLC-UV Validated Assay CN0001	0.04	<0,04	0.4	<0,4
Δ8-Tetrahydrocannabinol (d8-THC)	HPLC-UV Validated Assay CN0001	0.04	<0,04	0.4	<0,4
Total THC and CBD	Calculation	Total (% w/w)		Total (mg/g)	
Total THC	d9-THC % + (0.877 x THCA %)	8.47		84.7	
Total CBD	CBD % + (0.877 x CBDA %)	12.38		123.8	

Loss on Drying (CN0012)	Method Description	Result (%w/w)
Loss on Drying %w/w	Moisture Analyzer Validated Method CN0012	12.1

LOD - Limit of Detection

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Terpenes	Method (Date of last validation:22-04-2022)	LOD (ppm)	Result (ppm)	Result (%)
alpha-Pinene	GC-MS Headspace Validated Assay CN0068	10.0	1470	0.1470
Camphene	GC-MS Headspace Validated Assay CN0068	10.0	96	0.0096
Sabinene	GC-MS Headspace Validated Assay CN0068	10.0	50	0.0050
Myrcene	GC-MS Headspace Validated Assay CN0068	10.0	24693	2.4693
beta-Pinene	GC-MS Headspace Validated Assay CN0068	10.0	1419	0.1419
(R)-(-)-alpha-Phellandrene	GC-MS Headspace Validated Assay CN0068	10.0	51	0.0051
(1s)-(+)-3-Carene	GC-MS Headspace Validated Assay CN0068	10.0	<10	<0,0010
alpha-Terpinine	GC-MS Headspace Validated Assay CN0068	10.0	45	0.0045
cis-Ocimene	GC-MS Headspace Validated Assay CN0068	2.5	21	0.0021
(R)-(+)-Limonene	GC-MS Headspace Validated Assay CN0068	10.0	2244	0.2244
p-Cymene	GC-MS Headspace Validated Assay CN0068	10.0	<10	<0,0010
trans-Ocimene	GC-MS Headspace Validated Assay CN0068	7.5	376	0.0376
Eucalyptol	GC-MS Headspace Validated Assay CN0068	10.0	42	0.0042
gamma-Terpinene	GC-MS Headspace Validated Assay CN0068	10.0	54	0.0054
Terpinolene	GC-MS Headspace Validated Assay CN0068	10.0	295	0.0295
Linalool	GC-MS Headspace Validated Assay CN0068	10.0	435	0.0435
(+/-)-Fenchone	GC-MS Headspace Validated Assay CN0068	10.0	80	0.0080
(+)-Fenchol	GC-MS Headspace Validated Assay CN0068	10.0	456	0.0456
(-)-Isopulegol	GC-MS Headspace Validated Assay CN0068	10.0	<10	<0,0010
(+/-)-Camphor	GC-MS Headspace Validated Assay CN0068	10.0	<10	<0,0010
Isoborneol	GC-MS Headspace Validated Assay CN0068	10.0	<10	<0,0010
L-Menthol	GC-MS Headspace Validated Assay CN0068	10.0	<10	<0,0010
(+/-)-Borneol	GC-MS Headspace Validated Assay CN0068	10.0	169	0.0169
alpha-Terpineol	GC-MS Headspace Validated Assay CN0068	10.0	496	0.0496
Geraniol	GC-MS Headspace Validated Assay CN0068	20.0	307	0.0307
(+)-Pulegone	GC-MS Headspace Validated Assay CN0068	10.0	<10	<0,0010
Geranyl acetate	GC-MS Headspace Validated Assay CN0068	10.0	<10	<0,0010
(-)-alpha-Santalene	GC-MS Headspace Validated Assay CN0068	10.0	<10	<0,0010
(-)-alpha-Cedrene	GC-MS Headspace Validated Assay CN0068	10.0	<10	<0,0010
(-)-trans-Caryophyllene	GC-MS Headspace Validated Assay CN0068	10.0	885	0.0885
alpha-Humulene	GC-MS Headspace Validated Assay CN0068	10.0	325	0.0325
Farnesene (sum of isomers)	GC-MS Headspace Validated Assay CN0068	20.0	982	0.0982
(+)-Valencene	GC-MS Headspace Validated Assay CN0068	10.0	380	0.0380
cis-Nerolidol	GC-MS Headspace Validated Assay CN0068	10.0	<10	<0,0010
Trans-Nerolidol	GC-MS Headspace Validated Assay CN0068	10.0	367	0.0367
(-)-Guaiaol	GC-MS Headspace Validated Assay CN0068	10.0	<10	<0,0010
(-)-Caryophyllene oxide	GC-MS Headspace Validated Assay CN0068	10.0	111	0.0111
(+)-Cedrol	GC-MS Headspace Validated Assay CN0068	10.0	<10	<0,0010
(-)-alpha-Bisabolol	GC-MS Headspace Validated Assay CN0068	10.0	286	0.0286
Total Terpene			36135	3.6135

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