

Certificate of Analysis (CoA)/ Certificate of Conformance (CoC)

POTENCY TESTING

	METHOD	SPECIFICATION	RESULTS	PASS/FAIL
Total THC (THCA x 0.877 + THC)	LAB-MTD-020	Report Results	24.8585 % w/w	Report
THCA (Δ-9-Tetrahydrocannabinolic acid)		Report Results	27.2758 % w/w	Report
THC (Δ-9-Tetrahydrocannabinol)		Report Results	0.9376 % w/w	Report
Total CBD (CBDA x 0.877 + CBD)		<1% w/w	0.0607 % w/w	Report
CBDA (Cannabidiolic acid)		Report Results	0.0692 % w/w	Report
CBD (Cannabidiol)		Report Results	ND % w/w	Report
Other Cannabinoids:				
CBG		Report Results	0.1345 % w/w	Report
CBV		Report Results	ND % w/w	Report

MICROBIAL TESTING

	METHOD	SPECIFICATION	RESULTS	PASS/FAIL
Total Aerobic Counts	MIC-MTD-001/007	NMT 100,000 (5×10^4) CFU/g	<10 CFU/g	Pass
Total Yeast and Molds		NMT 1,000,000 (5×10^5) CFU/g	<100 CFU/g	Pass
Bile Tolerant Gram-Negative Bacteria		NMT 20,000 (10^4) CFU/g	<100 CFU/g	Pass
E. coli		Absent in 1g	Absent in 1g	Pass
Salmonella		Absent in 25g	Absent in 25g	Pass

HEAVY METALS

	METHOD	SPECIFICATION	RESULTS	PASS/FAIL
Arsenic (As)	LAB-MTD-050	NMT 3.0 ppm	ND ppm	Pass
Cadmium (Cd)		NMT 0.5 ppm	0.1037 ppm	Pass
Lead (Pb)		NMT 5.0 ppm	ND ppm	Pass
Total Mercury (Hg)		NMT 0.5 ppm	<0.06 ppm	Pass

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APPEARANCE/ID

	METHOD	SPECIFICATION	RESULTS	PASS/FAIL
Appearance	Visual (Organoleptic)	Dried, whole or fragmented, fully developed inflorescence of Cannabis Sativa L.	Conforms	Pass
Colour	Visual (Organoleptic)	Dark green to pale yellow (Strain specific)	Conforms	Pass
Identification	*Macroscopic Examination	Presence of beaked bracts with stigmas projecting from bracts	Conforms	Pass
	*Microscopic Examination	Presence of glandular and non glandular trichomes; mainly the combination of cystolithic hairs on the leaf upper surface and longer trichomes and sessile glands on the lower surface	Conforms	Pass
	HPLC	Retention time of the sample matches the retention time of the standard	Conforms	Pass

*NOTE

UNODC Recommended methods for the identification and analysis of cannabis and cannabis products OR other authoritative literature source.

TOP 5 TERPENE ANALYSIS

	METHOD	SPECIFICATION	RESULTS	PASS/FAIL
1. Myrcene	PC - MAT - 004	Report Results	1.667 %w/w	Report
2. α-Pinene		Report Results	0.404 %w/w	Report
3. (E)-β-Ocimene		Report Results	0.340 %w/w	Report
4. β-Caryophyllene		Report Results	0.262 %w/w	Report
5. Linalool		Report Results	0.159 %w/w	Report
Total Terpenes		NLT 4.0% w/w	NLT 4.0% w/w	Pass

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PESTICIDES

	METHOD	SPECIFICATION	RESULTS	PASS/FAIL
EP Pesticides	LAB-MTD-041	NMT limits in EP 2.8.13	None detected	Pass
Health Canada Pesticides	LAB-MTD-010	Below HC LOQ	None detected	Pass

ADDITIONAL TESTING

	METHOD	SPECIFICATION	RESULTS	PASS/FAIL
Foreign Material	LAB-MTD-022	NMT 2.0%	None detected	Pass
Loss on Drying	LAB-MTD-017	NMT 15%	12.54 %	Pass
Total Ash	LAB-MTD-043	NMT 20% w/w	8.7293 %	Pass