



CERTIFICATE OF ANALYSIS

Report Status: **RELEASED**
Report Date: **04/08/2020**
Sante Sample ID: **20A223**
Page 1 of 2

Company Name: Pet Releaf Address: 8100 Southpark Way Littleton, CO 80120 Phone Number: 303-953-2620	Purchase Order Number: PO-01481
Sample Name: PETR Canna Care, 31 mg CBD/1 oz Sample Lot Number: 450109 Sample Received: 04/07/2020	Sample/Product Description: Topical, Balm, 28.35 grams/Unit Sample/Product Type: CBD Full Spectrum Sample Matrix: Topical

ANALYSIS	TEST METHOD	LOQ	SPECIFICATIONS	RESULTS	PASS/NO PASS
Cannabinoids Assay					
CBD	UHPLC-DAD	0.0012 w/w%	w/w%: Report Only	0.1147 w/w%	Results Reported
			mg/g: Report Only	1.1473 mg/g	Results Reported
			% Label Claim: 90 - 110%	104.95%	PASS
			mg/Unit: 27.9 - 34.1 mg/Unit	32.327 mg/Unit	PASS
CBDa	UHPLC-DAD	0.0012 w/w%	w/w%: Report Only mg/g: Report Only	ND	N/A
Δ9-THC	UHPLC-DAD	0.0012 w/w%	w/w%: NMT 0.3 mg/g: NMT 3	0.0055 w/w% 0.0055 mg/g	PASS
THCa	UHPLC-DAD	0.0012 w/w%	w/w%: Report Only mg/g: Report Only	ND	N/A
CBGa	UHPLC-DAD	0.0012 w/w%	w/w%: Report Only mg/g: Report Only	ND	N/A
CBG	UHPLC-DAD	0.0012 w/w%	w/w%: Report Only mg/g: Report Only	ND	N/A
CBN	UHPLC-DAD	0.0012 w/w%	w/w%: Report Only mg/g: Report Only	ND	N/A
CBC	UHPLC-DAD	0.0012 w/w%	w/w%: Report Only mg/g: Report Only	ND	N/A
CBCa	UHPLC-DAD	0.0012 w/w%	w/w%: Report Only mg/g: Report Only	ND	N/A
CBL	UHPLC-DAD	0.0012 w/w%	w/w%: Report Only mg/g: Report Only	ND	N/A
CBDV	UHPLC-DAD	0.0012 w/w%	w/w%: Report Only mg/g: Report Only	ND	N/A
CBDVa	UHPLC-DAD	0.0012 w/w%	w/w%: Report Only mg/g: Report Only	ND	N/A
Δ8-THC	UHPLC-DAD	0.0012 w/w%	w/w%: Report Only mg/g: Report Only	ND	N/A
THCV	UHPLC-DAD	0.0012 w/w%	w/w%: Report Only mg/g: Report Only	ND	N/A
THCVa	UHPLC-DAD	0.0012 w/w%	w/w%: Report Only mg/g: Report Only	ND	N/A

TESTING FACILITY INFORMATION	SAMPLE INFORMATION
Sante Laboratories, LLC. Hemp Testing Laboratory 8201 East Riverside Drive, Suite 650 Austin, Texas 78744 USA	Sante Sample ID: 20A223 Receipt Date: 04/07/2020/1:02p/A. CLEMENTE Receipt Condition: Good Condition Start Date: 04/07/2020

QUALITY ASSURANCE	
<i>Brian R Sloat</i> Signature: <u>Brian R Sloat (Apr 8, 2020)</u>	Date: <u>_04/08/2020_</u>
Name: <u>_Brian R. Sloat, Ph.D.</u>	Title: <u>_Quality Manager_</u>



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ADDITIONAL REPORT NOTES

Test method have been validated to meet regulatory standards. Total Potential THC = (THCa x 0.877) + (□9THC) + (□8THC). Total Potential CBD = (CBDa x 0.877) + (CBD). Total Cannabinoids is summation of all tested and detectable cannabinoids. Samples are gravimetrically prepared using qualified balances that are calibrated annually by Mettler-Toledo using NIST-traceable weights. Verification of calibration is performed routinely (e.g. weekly) using NIST-traceable to ensure safe and accurate weighting processes between manufacture performed calibration. Individual balances have been assigned minimum weights taking into consideration the balance and environmental conditions to ensure weighting complies with acceptable tolerances. Cannabinoids for hemp flower and trim is analyzed and reported as received unless requested otherwise. Unless otherwise specified, all QC samples performed within specifications established using validated test methods. Reported results refer exclusive to items tested and have been tested by Sante Laboratories, unless specified otherwise. Test analysis was performed by an ISO/IEC 17025:2017 accredited laboratory. **NOTE: Sample weight was reported by Customer to be 28.35 grams per unit.**

VERSION HISTORY

Version	Effective Date	Summary of Changes
00	04/08/2019	Initial Release

LEGEND KEY

N/A: Not Applicable ND: Not Detected NMT: No More Than NLT: No Less Than LOD: Limit of Detection LOQ: Limit of Quantitation LFIR: Laboratory Failure Investigation Report RT: Retention Time RRT: Relative Retention Time USP: United States Pharmacopeia ID: Identification CV: Coefficient of Variation CFU: Colony Forming Units LR: Lot Release	LNCR: Laboratory Non-Conformance Report RP-UHPLC-DAD: Reverse Phase Ultra High-Performance Liquid Chromatography with Diode Array Detector MS/MS: Mass Spectroscopy (Quadrupole) PPM: Parts Per Million PPB: Parts Per Billion DLS: Dynamic Light Scattering MG: Milligrams G: Grams MCG: Micrograms NM: Nanometers PDI: Polydispersity Index ML: Milliliters ISO: International Organization for Standardization
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