



CERTIFICATE OF ANALYSIS

Report Status: **RELEASED**Report Date: **02/05/2020**Sante Sample ID: **20A030**

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Company Name: Restart CBD Address: 2521 Rutland Drive #150A; Austin, TX 78758 Phone Number: 512-843-7223	Contact Name: Shayda Torabi Contact Email: shayda@restartcbd.com Purchase Order Number: Verbal
Sample Name: Restart CBD Flower Heavens Door Sample Lot Number: No Lot Number Provided Sample Received: 01/29/2020	Sample/Product Description: FLOWER Sample/Product Type: CBD Sample Matrix: HEMP (FINISHED)

ANALYSIS	TEST METHOD	LOQ	SPECIFICATIONS	RESULTS	PASS/NO PASS
Cannabinoids Assay					
CBD	UHPLC-DAD	0.00201 w/w%	Report Only	0.5099 w/w% 5.099 mg/g	Results Reported
CBDa		0.00201 w/w%	Report Only	17.7979 w/w% 177.979 mg/g	Results Reported
Δ9-THC		0.00201 w/w%	NMT 0.3 w/w% NMT 3.0 mg/g	0.0696 w/w% 0.696 mg/g	PASS
THCa		0.00201 w/w%	Report Only	0.5879 w/w% 5.879 mg/g	Results Reported
CBGa		0.00201 w/w%	Report Only	0.4069 w/w% 4.069 mg/g	Results Reported
CBG		0.00201 w/w%	Report Only	0.0732 w/w% 0.732 mg/g	Results Reported
CBN		0.00201 w/w%	Report Only	ND	N/A
CBC		0.00201 w/w%	Report Only	0.0735 w/w% 0.735 mg/g	Results Reported
CBCa		0.00201 w/w%	Report Only	1.2821 w/w% 12.821 mg/g	Results Reported
CBL		0.00201 w/w%	Report Only	ND	N/A
CBDV		0.00201 w/w%	Report Only	0.0022 w/w% 0.022 mg/g	Results Reported
CBDVa		0.00201 w/w%	Report Only	0.0643 w/w% 0.643 mg/g	Results Reported
Δ8-THC		0.00201 w/w%	Report Only	ND	N/A
THCV		0.00201 w/w%	Report Only	0.0214 w/w% 0.214 mg/g	Results Reported
THCVa		0.00201 w/w%	Report Only	0.0073 w/w% 0.073 mg/g	Results Reported
Moisture Content					
Moisture (%)	Halogen Moisture Analyzer (Loss on Drying)	0.43% to 100%	Report Only	7.44%	Results Reported

TESTING FACILITY INFORMATION	SAMPLE INFORMATION
Sante Laboratories, LLC. Hemp Testing Laboratory 8201 East Riverside Drive, Suite 650 Austin, Texas 78744 USA	Sante Sample ID: 20A030 Receipt Date: 01/29/2020 Receipt Condition: Good Condition Start Date: 01/30/2020

QUALITY ASSURANCE	
DocuSigned by: Signature: <u>Brian Sloat</u> Date: <u>05 February 2020</u>	Name: <u>Brian R. Sloat, Ph.D.</u> Title: <u>Quality Manager</u>

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For any questions related to this Certificate of Analysis please contact Customer Service at 512-800-9117

Released and Prepared by Sante Laboratories, LLC. Reported results refer exclusively to items tested.

THIS CERTIFICATED MAY NOT BE REPRODUCED PARTIALLY WITHOUT WRITTEN PERMISSION BY SANTE LABORATORIES, LLC.



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VERSION HISTORY

Version	Effective Date	Summary of Changes
00	02/05/2019	Initial Release

ADDITIONAL REPORT NOTES

Test method have been validated to meet regulatory standards. Total Potential THC = (THCa x 0.877) + (Δ 9THC) + (Δ 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.**

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