



# CERTIFICATE OF ANALYSIS

Report Status: **RELEASED**  
 Report Date: **1/28/2020**  
 Sante Sample ID: **20A014**  
 Page 1 of 2

<b>Company Name:</b> Natural Doggie <b>Address:</b> 650 North Carriage Parkway; Wichita, KS 67208-4515 <b>Phone Number:</b> 866-448-0573	<b>Contact Name:</b> Casey Almanza <b>Contact Email:</b> info@naturaldoggie.com <b>Purchase Order Number:</b> N/A
<b>Sample Name:</b> 20A014 <b>Sample Lot Number:</b> No Lot Number Provided <b>Sample Received:</b> 1/20/2020	<b>Sample/Product Description:</b> Natural Doggie CBD Infused Coconut Oil <b>Sample/Product Type:</b> CBD <b>Sample Matrix:</b> Coconut Oil

ANALYSIS	TEST METHOD	LOQ	SPECIFICATIONS	RESULTS	PASS/NO PASS
<b>Cannabinoids Assay</b>					
CBD	UHPLC-DAD	0.02 w/w%	Report Only	0.114 w/w% 1.138 mg/g	Results Reported
CBDa		0.02 w/w%	Report Only	Not Detected	Results Reported
Δ9-THC		0.02 w/w%	NMT 0.3 w/w%	Not Detected	PASS
THCa		0.02 w/w%	Report Only	Not Detected	Results Reported
CBN		0.02 w/w%	Report Only	Not Detected	Results Reported
CBG		0.02 w/w%	Report Only	Not Detected	Results Reported
CBGa		0.02 w/w%	Report Only	Not Detected	Results Reported
CBDV		0.02 w/w%	Report Only	<0.0015 w/w% <0.015 mg/g	Results Reported
CBDVa		0.02 w/w%	Report Only	Not Detected	Results Reported
THCV		0.02 w/w%	Report Only	Not Detected	Results Reported
THCVa		0.02 w/w%	Report Only	Not Detected	Results Reported
Δ8-THC		0.02 w/w%	Report Only	Not Detected	Results Reported
CBL		0.02 w/w%	Report Only	Not Detected	Results Reported
CBC		0.02 w/w%	Report Only	Not Detected	Results Reported
CBCa		0.02 w/w%	Report Only	Not Detected	Results Reported
<b>Residual Solvent Screen</b>					
Butanes	GC-FID	0.008 w/w%	500 ppm	Not Detected	PASS
Ethanol		0.008 w/w%	Report Only	Not Detected	Report Results
Heptanes		0.008 w/w%	500 ppm	Not Detected	PASS
Isobutane		0.008 w/w%	500 ppm	Not Detected	PASS
Pentane		0.008 w/w%	Report Only	Not Detected	Report Results
Propane		0.008 w/w%	500 ppm	Not Detected	PASS
<b>Heavy Metals</b>					
Lead	ICP-MS	5 ppb	Report Only	<5 ppb	Results Reported

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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<b>Sample Name:</b> 20A014 <b>Sample Lot Number:</b> No Lot Number Provided <b>Sample Received:</b> 1/20/2020	<b>Sample/Product Description:</b> Natural Doggie CBD Infused Coconut Oil <b>Sample/Product Type:</b> CBD <b>Sample Matrix:</b> Coconut Oil

Mercury		5 ppb	Report Only	11.9 ppb	Results Reported
Arsenic		10 ppb	Report Only	<10 ppb	Results Reported
Cadmium		3 ppb	Report Only	<3 ppb	Results Reported

TESTING FACILITY INFORMATION	SAMPLE INFORMATION
<b>Sante Laboratories, LLC.</b> Hemp Testing Laboratory 8201 East Riverside Drive, Suite 650 Austin, Texas 78744 USA	<b>Sante Sample ID:</b> 20A014 <b>Receipt Date:</b> 1/20/2020 <b>Receipt Condition:</b> Good Condition <b>Start Date:</b> 1/21/2020

VERSION HISTORY		
Version	Effective Date	Summary of Changes
00	1/28/2020	Initial Release
01	1/30/2020	Per customer request, updated Company Name, Contact Name, and Contact Email. Removed microbiology test section.

QUALITY ASSURANCE		
Signature: <u>Brian Sloat</u> <small>DocuSigned by:</small> <small>51277B7C6EDA460...</small>	Date: <u>4 February 2020</u>	Name: <u>Brian R. Sloat, Ph.D.</u> Title: <u>Quality Manager</u>

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

ADDITIONAL REPORT NOTES
Test method have been validated to meet regulatory standards. Total Potential THC = (THCa x 0.877) + (Δ9THC) + (Δ8THC). 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.