

Certificate of Quality Assurance

PRODUCT NAME: K9 Soft Chew

PRODUCT STRENGTH: 2 mg

LOT NUMBER: JOCHEW-T037

SUPPLIER BATCH NUMBER: 2546889

DATE OF MANUFACTURE: 3/4/19

Expiration date is 24 months under sealed conditions.

DATE OF ANALYSIS: 3/4/19

ACTIVE INGREDIENTS: THC-Free Phytocannabinoid Rich Hemp Oil

INACTIVE INGREDIENTS: Refer to page 2.

Physical Attributes**

Attribute	Acceptance Criteria	Result
Appearance	Soft Solid Cylinders	Conforms
Aroma	Characteristic Dog Treat Aroma	Conforms
Color	Dark Brown with Beige Specs	Conforms
Cannabinoid Content	1.8 - 2.2 mg per chew THC Not Detected	Conforms

Cannabinoid Potency**

Cannabinoid	Weight %
CBD	0.05
CBG	<0.03
CBN	<0.03
THC	ND
CBC	<0.03
THC-A	ND
CBD-A	<0.03

Pesticides*

Compound	Result	Compound	Result
Acequinocil	ND	Spinosad	ND
Pyrethrium	ND	Spirotetramat	ND
Spiromesifin	ND	Bifenazate	ND
Abamectin	ND	Fenoxycarb	ND
Imidacloprid	ND	Paclobutrazol	ND

Terpene Results*

Compound	Weight %	Compound	Weight %
β -Bisabolene	1.0-3.0	Camphene	0.1-0.2
β -Farnesene	1.0-2.0	E-Farnesene	0.1-0.2
Gualol	0.5-2.0	Farnesol	0.1-0.2
β -Maaliene	0.5-2.0	α -Bisabolol	< 0.1
Calarene	0.5-1.5	p-Cymene	< 0.1
β -Caryophyllene	0.1-1.0	Linalool	< 0.1
α -Humulene	0.1-1.0	Myrcene	< 0.1
Cadinene	0.1-1.0	Phytol	< 0.1
α -Gurjunene	0.1-0.5	Isopulegol	< 0.1
d-Limonene	0.1-0.5	Terpinene	< 0.1
Nerolidol	0.1-0.5	Geraniol	< 0.1
α -Pinene	0.1-0.5	Myrcene	< 0.1
Aristolene	0.1-0.3	γ -Terpinene	< 0.1
Eucalyptol	0.1-0.2	δ -3-Carene	< 0.1

Residual Solvents*

Solvent	Weight %
Acetone	Compliant with USP<467>
Butane	Compliant with USP<467>
Ethanol	Compliant with USP<467>
Hexane	Compliant with USP<467>
Isobutane	Compliant with USP<467>
Isopropanol	Compliant with USP<467>
Pentane	Compliant with USP<467>

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DATE OF ANALYSIS: 3/4/19

ACTIVE INGREDIENTS: THC-Free Phytocannabinoid Rich Hemp Oil

INACTIVE INGREDIENTS: Water, dried brewer's yeast, glycerin, gum arabic, sodium alginate, beef liver powder, natural bacon flavor, flaxseed oil, microcrystalline cellulose, organic sweet potato powder, sunflower lecithin (non-GMO), citrus pectin, dextrin, vitamin E, sodium propionate, calcium sulfate dihydrate, natural mixed tocopherols (natural preservative)

Heavy Metals*

Metal	Result
Cadmium	Compliant with USP<233>
Lead	Compliant with USP<233>
Arsenic	Compliant with USP<233>
Mercury	Compliant with USP<233>

* Results based on testing of multiple batches of hemp oil raw material.

** As obtained from supplier COA.

Certified by:



Matthew Plenert, Ph.D
Head Chemist and Quality Manager

8-1-19

Date



This report cannot be used for ODA, OHA or OLCC compliance requirements.

This is an amended version of the report# 067621-00.
Reason: Potency, Pesticides, and Micro testing included in report.

Product identity: JOCHEW-T037
Laboratory ID: 19-004096-0005

Client/Metric ID: .
Sample Date: 03/13/19

Summary

Potency:

Analyte per 7.37g	Result	Limits	Units	LOQ	
CBD per 7.37g	3.64		mg/7.37g	0.246	CBD-Total per 7.37g 3.64 mg/7.37g
					THC-Total per 7.37g < 0.461 mg/7.37
					(Reported in milligrams per serving)

Pesticides:

All analytes passing and less than LOQ.

Microbiology:

Less than LOQ for all analytes.



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Customer: My CBD Test

Product identity: JOCHEW-T037

Client/Metric ID: .

Sample Date: 03/13/19

Laboratory ID: 19-004096-0005

Serving Size #1: 7.37 g

Weight Received: 7.37 g

Sample Results

Potency per 7.37g				Batch: 1903300			
Analyte	Result	Limits	Units	LOQ	Analyze	Method	Notes
CBC per 7.37g [†]	< LOQ		mg/7.37g	0.246	04/17/19	J AOAC 2015 V98-6	
CBC-A per 7.37g [†]	< LOQ		mg/7.37g	0.246	04/17/19	J AOAC 2015 V98-6	
CBC-Total per 7.37g [†]	< LOQ		mg/7.37g	0.461	04/17/19	J AOAC 2015 V98-6	
CBD per 7.37g	3.64		mg/7.37g	0.246	04/17/19	J AOAC 2015 V98-6	
CBD-A per 7.37g	< LOQ		mg/7.37g	0.246	04/17/19	J AOAC 2015 V98-6	
CBD-Total per 7.37g	3.64		mg/7.37g	0.461	04/17/19	J AOAC 2015 V98-6	
CBDV per 7.37g [†]	< LOQ		mg/7.37g	0.246	04/17/19	J AOAC 2015 V98-6	
CBDV-A per 7.37g [†]	< LOQ		mg/7.37g	0.246	04/17/19	J AOAC 2015 V98-6	
CBDV-Total per 7.37g [†]	< LOQ		mg/7.37g	0.459	04/17/19	J AOAC 2015 V98-6	
CBG per 7.37g [†]	< LOQ		mg/7.37g	0.246	04/17/19	J AOAC 2015 V98-6	
CBG-A per 7.37g [†]	< LOQ		mg/7.37g	0.246	04/17/19	J AOAC 2015 V98-6	
CBG-Total per 7.37g [†]	< LOQ		mg/7.37g	0.461	04/17/19	J AOAC 2015 V98-6	
CBL per 7.37g [†]	< LOQ		mg/7.37g	0.246	04/17/19	J AOAC 2015 V98-6	
CBN per 7.37g	< LOQ		mg/7.37g	0.246	04/17/19	J AOAC 2015 V98-6	
Δ8-THC per 7.37g [†]	< LOQ		mg/7.37g	0.246	04/17/19	J AOAC 2015 V98-6	
Δ9-THC per 7.37g	< LOQ		mg/7.37g	0.246	04/17/19	J AOAC 2015 V98-6	
THC-A per 7.37g	< LOQ		mg/7.37g	0.246	04/17/19	J AOAC 2015 V98-6	
THC-Total per 7.37g	< LOQ		mg/7.37g	0.461	04/17/19	J AOAC 2015 V98-6	
THCV per 7.37g [†]	< LOQ		mg/7.37g	0.246	04/17/19	J AOAC 2015 V98-6	
THCV-A per 7.37g [†]	< LOQ		mg/7.37g	0.246	04/17/19	J AOAC 2015 V98-6	
THCV-Total per 7.37g [†]	< LOQ		mg/7.37g	0.459	04/17/19	J AOAC 2015 V98-6	

Microbiology								
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
E.coli	< LOQ		cfu/g	10	1903111	04/14/19	AOAC 991.14 (Petrifilm)	X
Total Coliforms	< LOQ		cfu/g	10	1903111	04/14/19	AOAC 991.14 (Petrifilm)	X
Mold	< LOQ		cfu/g	10	1903110	04/16/19	AOAC 997.02 (Petrifilm)	X
Yeast	< LOQ		cfu/g	10	1903110	04/16/19	AOAC 997.02 (Petrifilm)	X



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Pesticides						Method AOAC 2007.01 & EN 15662 (mod) Units mg/kg Batch 1903195 Analyze 04/16/19 10:44 AM					
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
Abamectin	< LOQ	0.50	0.250	pass		Acephate	< LOQ	0.40	0.250	pass	
Acequinocyl	< LOQ	2.0	1.00	pass		Acetamiprid	< LOQ	0.20	0.100	pass	
Aldicarb	< LOQ	0.40	0.200	pass		Azoxystrobin	< LOQ	0.20	0.100	pass	
Bifenazate	< LOQ	0.20	0.100	pass		Bifenthrin	< LOQ	0.20	0.100	pass	
Boscalid	< LOQ	0.40	0.100	pass		Carbaryl	< LOQ	0.20	0.100	pass	
Carbofuran	< LOQ	0.20	0.100	pass		Chlorantraniliprole	< LOQ	0.20	0.100	pass	
Chlorfenapyr	< LOQ	1.0	0.500	pass		Chlorpyrifos	< LOQ	0.20	0.100	pass	
Clofentezine	< LOQ	0.20	0.100	pass		Cyfluthrin (incl.	< LOQ	1.0	0.500	pass	
Cypermethrin	< LOQ	1.0	0.500	pass		Daminozide	< LOQ	1.0	0.500	pass	
Diazinon	< LOQ	0.20	0.100	pass		Dichlorvos	< LOQ	1.0	0.500	pass	
Dimethoate	< LOQ	0.20	0.100	pass		Ethoprophos	< LOQ	0.20	0.100	pass	
Etofenprox	< LOQ	0.40	0.200	pass		Etoxazole	< LOQ	0.20	0.100	pass	
Fenoxycarb	< LOQ	0.20	0.100	pass		Fenpyroximate	< LOQ	0.40	0.200	pass	
Fipronil	< LOQ	0.40	0.200	pass		Flonicamid	< LOQ	1.0	0.400	pass	
Fludioxonil	< LOQ	0.40	0.200	pass		Hexythiazox	< LOQ	1.0	0.400	pass	
Imazalil	< LOQ	0.20	0.100	pass		Imidacloprid	< LOQ	0.40	0.200	pass	
Kresoxim-methyl	< LOQ	0.40	0.200	pass		Malathion	< LOQ	0.20	0.100	pass	
Metalaxyl	< LOQ	0.20	0.100	pass		Methiocarb	< LOQ	0.20	0.100	pass	
Methomyl	< LOQ	0.40	0.200	pass		MGK-264	< LOQ	0.20	0.100	pass	
Myclobutanil	< LOQ	0.20	0.100	pass		Naled	< LOQ	0.50	0.250	pass	
Oxamyl	< LOQ	1.0	0.500	pass		Paclobutrazole	< LOQ	0.40	0.200	pass	
Parathion-Methyl	< LOQ	0.20	0.200	pass		Permethrin	< LOQ	0.20	0.100	pass	
Phosmet	< LOQ	0.20	0.100	pass		Piperonyl butoxide	< LOQ	2.0	1.00	pass	
Prallethrin	< LOQ	0.20	0.100	pass		Propiconazole	< LOQ	0.40	0.200	pass	
Propoxur	< LOQ	0.20	0.100	pass		Pyrethrin I (total)	< LOQ	1.0	0.500	pass	
Pyridaben	< LOQ	0.20	0.100	pass		Spinosad	< LOQ	0.20	0.100	pass	
Spiromesifen	< LOQ	0.20	0.100	pass		Spirotetramat	< LOQ	0.20	0.100	pass	
Spiroxamine	< LOQ	0.40	0.200	pass		Tebuconazole	< LOQ	0.40	0.200	pass	
Thiacloprid	< LOQ	0.20	0.100	pass		Thiamethoxam	< LOQ	0.20	0.100	pass	
Trifloxystrobin	< LOQ	0.20	0.100	pass							



This report cannot be used for ODA, OHA or OLCC compliance requirements.

Abbreviations

Limits: Action Levels per OAR-333-007-0400, OAR-333-007-0210, OAR-333-007-0220

Limit(s) of Quantitation (LOQ): The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence.

† = Analyte not NELAP accredited.

Units of Measure

cfu/g = Colony forming units per gram

g = Gram

mg/kg = Milligram per kilogram

mg/7.37g = Milligram per 7.37g

% = Percentage of sample

% wt = µg/g divided by 10,000

Glossary of Qualifiers

X: Not ORELAP accredited.

Approved Signatory

Derrick Tanner
General Manager

PHYTATECH™

M E T R I C S & S O L U T I O N S

879 Federal Blvd.
Denver, CO 80204
303-427-2379
DOR#: 405R-00011 & 405-00008
info@phytatech.com

Date Received: 04.26.2019
Date Lab Test: 04.27.2019
Date Reported: 04.29.2019

Company Name: Triple C Ranch Ltd
Company License: 403H-75142
Sample Type: Edibles

*ND: None Detected or below reportable threshold
All data in the following table is in parts per million (ppm).

Sample	Sample	METRC #	Arsenic	Lead	Cadmium	Mercury
WSP:LOTDR031919 WSP4	303694	01309	ND	ND	ND	ND
JOCHEW T026	303695	01310	ND	ND	ND	ND
JOCHEW T037	303696	01311	ND	ND	ND	ND

NOTES: The State of Colorado mandates the following levels for heavy metals in inhaled or audited products (nasal or MDI): Lead (< 0.5 ppm), Arsenic (< 0.2 ppm), Cadmium (< 0.2 ppm), and Mercury (< 0.1 ppm).

The State of Colorado mandates the following levels for heavy metals in topical or transdermal products: Lead (< 10 ppm), Arsenic (< 3 ppm), Cadmium (< 3 ppm), and Mercury (< 1 ppm).

The State of Colorado mandates the following levels for heavy metals in oral or audited products (rectal or vaginal) products: Lead (< 1 ppm), Arsenic (< 1.5 ppm), Cadmium (< 0.5 ppm), and Mercury (< 1.5 ppm).

This testing is for R&D purposes only.