

# Certificate of Analysis

## Sample Information

CTLA ID: 74497  
 Date Received: 5/17/2023  
 Sample Name: "Hush Puppy" CBD + Calming Soft Chews 5mg per Chew  
 Lot Number: C01CA530  
 Customer: Okoa Animal Health, Inc.



Analysis	Method	MDL	Specification	Result	Units
<b>Complete Micro</b>					
Total Aerobic Microbial Count	USP <2021>	100	Report	2,000	cfu/g
Total Coliforms	USP <2021>	10	Report	<10	cfu/g
<i>E. coli</i>	USP <2022>		Report	Absent	
<i>Salmonella</i>	USP <2022>		Report	Absent	
<i>Staphylococcus aureus</i> <2022>	USP <2022>		Report	Absent	
Yeast & Mold	USP <2021>	100	Report	<100	cfu/g
<b>Heavy Metals</b>					
Arsenic	<USP 233>	.001	Report	0.017	ppm
Cadmium	<USP 233>	.001	Report	0.026	ppm
Mercury	<USP 233>	.001	Report	<0.001	ppm
Lead	<USP 233>	.001	Report	0.034	ppm
<b>Cannabinoid Concentration (16)</b>					
<b>Total Cannabinoids</b>	HPLC	0.731	Report	1.022	mg/g
<b>Total Cannabidiol (CBD)</b>	HPLC	0.731	Report	1.022	mg/g
<b>Total Tetrahydrocannabinol (THC)</b>	HPLC	0.073	Report	ND	%
CBDVA	HPLC	0.731	Report	ND	mg/g
CBDV	HPLC	0.731	Report	ND	mg/g
CBDA	HPLC	0.731	Report	ND	mg/g
CBGA	HPLC	0.731	Report	ND	mg/g
CBG	HPLC	0.731	Report	ND	mg/g
CBD	HPLC	0.731	Report	1.022	mg/g
THCV	HPLC	0.731	Report	ND	mg/g
THCVA	HPLC	0.731	Report	ND	mg/g
CBN	HPLC	0.731	Report	ND	mg/g
CBNA	HPLC	0.731	Report	ND	mg/g

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Quality Manager

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Δ9-THC	HPLC	0.731 Report	ND	mg/g
Δ8-THC	HPLC	0.731 Report	ND	mg/g
CBL	HPLC	0.731 Report	ND	mg/g
CBC	HPLC	0.731 Report	ND	mg/g
THCA	HPLC	0.731 Report	ND	mg/g
CBCA	HPLC	0.731 Report	ND	mg/g
<b>Pesticides (59)</b>				
Abamectin	LCMS	.01 Report	ND	µg/g
Acephate	LCMS	.01 Report	ND	µg/g
Acequinocyl	LCMS	.01 Report	ND	µg/g
Acetamiprid	LCMS	.01 Report	ND	µg/g
Aldicarb	LCMS	.01 Report	ND	µg/g
Azoxystrobin	LCMS	.01 Report	ND	µg/g
Bifenazate	LCMS	.01 Report	ND	µg/g
Bifenthrin	LCMS	.01 Report	ND	µg/g
Boscalid	LCMS	.01 Report	ND	µg/g
Carbaryl	LCMS	.01 Report	ND	µg/g
Carbofuran	LCMS	.01 Report	ND	µg/g
Chlorantraniliprole	LCMS	.01 Report	ND	µg/g
Chlorfenapyr	LCMS	.01 Report	ND	µg/g
Chlorpyrifos	LCMS	.01 Report	ND	µg/g
Clofentezine	LCMS	.01 Report	ND	µg/g
Cyfluthrin	LCMS	.01 Report	ND	µg/g
Cypermethrin	LCMS	.01 Report	ND	µg/g
Daminozide	LCMS	.01 Report	ND	µg/g
DDVP (Dichlorvos)	LCMS	.01 Report	ND	µg/g

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Diazinon	LCMS	.01 Report	ND	µg/g
Dimethoate	LCMS	.01 Report	ND	µg/g
Ethoprophos	LCMS	.01 Report	ND	µg/g
Etofenprox	LCMS	.01 Report	ND	µg/g
Etoxazole	LCMS	.01 Report	ND	µg/g
Fenoxycarb	LCMS	.01 Report	ND	µg/g
Fenpyroximate	LCMS	.01 Report	ND	µg/g
Fipronil	LCMS	.01 Report	ND	µg/g
Flonicamid	LCMS	.01 Report	ND	µg/g
Fludioxonil	LCMS	.01 Report	ND	µg/g
Hexythiazon	LCMS	.01 Report	ND	µg/g
Imazal	LCMS	.01 Report	ND	µg/g
Imidacloprid	LCMS	.01 Report	ND	µg/g
Kresoxim-methyl	LCMS	.01 Report	ND	µg/g
Malathion	LCMS	.01 Report	ND	µg/g
Metalaxyl	LCMS	.01 Report	ND	µg/g
Methiocarb	LCMS	.01 Report	ND	µg/g
Methomyl	LCMS	.01 Report	ND	µg/g
Methyl parathion	LCMS	.01 Report	ND	µg/g
MGK-264	LCMS	.01 Report	ND	µg/g
Myclobutanil	LCMS	.01 Report	ND	µg/g
Naled	LCMS	.01 Report	ND	µg/g
Oxamyl	LCMS	.01 Report	ND	µg/g
Paclobutrazol	LCMS	.01 Report	ND	µg/g
Permethrins	LCMS	.01 Report	ND	µg/g
Phosmet	LCMS	.01 Report	ND	µg/g

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Piperonyl_butoxide	LCMS	.01 Report	ND	µg/g
Prallethrin	LCMS	.01 Report	ND	µg/g
Propiconazole	LCMS	.01 Report	ND	µg/g
Propoxur	LCMS	.01 Report	ND	µg/g
Pyrethrins	LCMS	.01 Report	ND	µg/g
Pyridaben	LCMS	.01 Report	ND	µg/g
Spinosad	LCMS	.01 Report	ND	µg/g
Spiromesifen	LCMS	.01 Report	ND	µg/g
Spirotetramat	LCMS	.01 Report	ND	µg/g
Spiroxamine	LCMS	.01 Report	ND	µg/g
Tebuconazole	LCMS	.01 Report	ND	µg/g
Thiacloprid	LCMS	.01 Report	ND	µg/g
Thiamethoxam	LCMS	.01 Report	ND	µg/g
Trifloxystrobin	LCMS	.01 Report	ND	µg/g
<b>Mycotoxins</b>				
Aflatoxins	ELISA	4 Report	<4	µg/kg
Ochratoxin A	ELISA	2 Report	<2	µg/kg
<b>Residual Solvents (44)</b>				
Dimethyl sulfoxide	USP <467>	.001 Report	ND	µg/g
N,N-Dimethylacetamide	USP <467>	.001 Report	ND	µg/g
1,2-Dimethoxyethane	USP <467>	.001 Report	ND	µg/g
1,4-Dioxane	USP <467>	.001 Report	ND	µg/g
1-Butanol	USP <467>	.001 Report	ND	µg/g
1-Pentanol	USP <467>	.001 Report	ND	µg/g
1-Propanol	USP <467>	.001 Report	ND	µg/g
2-Butanone	<USP 467>	.001 Report	ND	µg/g

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2-Butanol	USP <467>	.001	Report	ND	µg/g
2-Ethoxyethanol	USP <467>	.001	Report	ND	µg/g
2-Methylbutane	USP <467>	.001	Report	ND	µg/g
2-Propanol	USP <467>	.001	Report	ND	µg/g
Residue Acetone	USP <467>	.001	Report	ND	µg/g
Acetonitrile	USP <467>	.001	Report	ND	µg/g
Benzene	USP <467>	.001	Report	ND	µg/g
Butane	USP <467>	.001	Report	ND	µg/g
Cumene	USP <467>	.001	Report	ND	µg/g
Cyclohexane	USP <467>	.001	Report	ND	µg/g
Dichloromethane	USP <467>	.001	Report	ND	µg/g
2,2-Dimethylbutane	USP <467>	.001	Report	ND	µg/g
2,3-Dimethylbutane	USP <467>	.001	Report	ND	µg/g
m,p-Xylene	USP <467>	.001	Report	ND	µg/g
o-Xylene	USP <467>	.001	Report	ND	µg/g
Residue Ethanol	USP <467>	.001	Report	5.295	µg/g
Ethyl acetate	USP <467>	.001	Report	ND	µg/g
Ethyl benzene	USP <467>	.001	Report	ND	µg/g
Ethyl ether	USP <467>	.001	Report	ND	µg/g
Ethylene glycol	USP <467>	.001	Report	ND	µg/g
Ethylene oxide	USP <467>	.001	Report	ND	µg/g
Heptane	USP <467>	.001	Report	ND	µg/g
Hexane	USP <467>	.001	Report	ND	µg/g
Isopropyl acetate	USP <467>	.001	Report	ND	µg/g
Methanol	USP <467>	.001	Report	46.035	µg/g
Methylpropane	USP <467>	.001	Report	ND	µg/g

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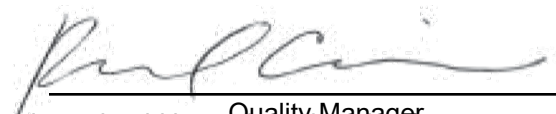


Analysis	Method	MDL Specification	Result	Units
2-Methylpentane	USP <467>	.001 Report	ND	µg/g
3-Methylpentane	USP <467>	.001 Report	ND	µg/g
N,N-Dimethylformamide	USP <467>	.001 Report	ND	µg/g
Pentane	USP <467>	.001 Report	ND	µg/g
Propane	USP <467>	.001 Report	ND	µg/g
Pyridine	USP <467>	.001 Report	ND	µg/g
Sulfolane	USP <467>	.001 Report	ND	µg/g
Tetrahydrofuran	USP <467>	.001 Report	ND	µg/g
Toluene	USP <467>	.001 Report	ND	µg/g
Total Xylenes	USP <467>	.001 Report	ND	µg/g

ND= None Detected  
 Amended report: Photo added

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