



November 18, 2020

The attached certificate of analysis applies to the product stated below and manufactured under the brand name:

**Duke Equine CBD Oil**

Product Manufacture:

**Ratoon Agroprocessing, LLC**  
**5290 NC Hwy 226 S.,**  
**Marion, NC 28752**

Manufactured For:

**Kimbara CBD**  
**524 E North Street**  
**Lockport IL 60441**  
**United States**

Laboratory: **Dessert Valley Testing**

Laboratory Order Number: **2008257-01**

Product: **Goldilocks CBD**

Lot Number: **20199GLX2500**

Expiration Date: **03/06/2021**

Finished Product Label:

**"Therapeutic"**  
Horses Suggested Serving  
Mini 0.25-0.5 mL/day  
Full Sized (up to 1100lbs) 1.0-2.0 mL/day  
Large Breed 1.5-2.5 mL/day  
Consult your veterinarian prior to use.

Simply add to your pet's food.

Learn more by visiting  
[www.kimbaracbd.com](http://www.kimbaracbd.com)

LOT: 20199GLX2500  
EXP: 03/06/2021



**Duke**  
Equine CBD Oil  
No artificial flavors  
No preservatives  
2500 mg CBD/30 mL  
83.3 mg CBD/1 mL  
Contains < 0.3% THC  
1.0 fl oz (30 mL)

Ingredients:  
U.S. Grown Hemp Extract,  
Grapeseed Oil, Fractionated  
Coconut Oil (MCT)  
Store Between 55-75° F

This product has not been  
evaluated by the Food &  
Drug Administration.

This product is not intended  
to diagnose, treat, cure or  
prevent any disease.

Manufactured by:  
Ratoon Agroprocessing  
5290 NC 226 S  
Marion, NC

*James Hurlston*

James Hurlston, CEO  
Ratoon Agroprocessing, LLC

Ratoon Agroprocessing, LLC

Laboratory Number: 2008257-01

5290 NC 226 S  
Marion, NC 28752  
(828) 394-8686

Batch #: 20199GLX2500/20199GLX1250  
Sample Received: 8/17/2020; Report Created: 8/18/2020

Goldilocks CBD  
Ingestible

Sample Image



Terpenes (GCMS-MS) Analyzed: By:

Compound	mg/mL	%
alpha-Bisabolol	NT	NT
(-)-Borneol and (+)-Borneol	NT	NT
Camphene	NT	NT
Camphor	NT	NT
beta-Caryophyllene	NT	NT
trans-Caryophyllene	NT	NT
Caryophyllene Oxide	NT	NT
alpha-Cedrene	NT	NT
Cedrol	NT	NT
Endo-fenchyl Alcohol	NT	NT
Eucalyptol	NT	NT
Fenchone	NT	NT
Geraniol	NT	NT
Geranyl acetate	NT	NT
Guaiol	NT	NT
Hexahydrothymol	NT	NT
alpha-Humulene	NT	NT
Isoborneol	NT	NT
Isopulegol	NT	NT
Limonene	NT	NT
Linalool	NT	NT
p-Mentha-1,5-diene	NT	NT
beta-Myrcene	NT	NT
trans-Nerolidol	NT	NT
Ocimene	NT	NT
alpha-Pinene	NT	NT
beta-Pinene	NT	NT
Pulegone	NT	NT
Sabinene	NT	NT
Sabinene Hydrate	NT	NT
gamma-Terpinene	NT	NT
alpha-Terpinene	NT	NT
3-Carene	NT	NT
Terpineol	NT	NT
Terpinolene	NT	NT
Valencene	NT	NT
Nerol	NT	NT
cis-Nerolidol	NT	NT
<b>Total Terpenes</b>	NT	NT

Cannabinoid (HPLC) Analyzed: 08/18/20 By: EGP

Compound	LOQ %	%	mg/mL
THC-A	0.01	0.02	0.189
delta 9-THC	0.01	0.27	2.66
delta 8-THC	0.01	ND	ND
THC-V	0.01	ND	ND
CBG-A	0.01	0.01	0.138
CBD-A	0.01	0.15	1.46
CBD	0.01	8.78	87.8
CBD-V	0.01	0.08	0.840
CBN	0.01	ND	ND
CBG	0.01	0.14	1.43
CBC	0.01	0.15	1.53

0.29 % 2.83 mg/mL <b>Total THC</b>	8.91 % 89.08 mg/mL <b>Total CBD</b>	9.61 % 96.10 mg/mL <b>Total Cannabinoids</b>
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Total THC = THCa \* 0.877 + delta 9-THC; Total CBD = CBDa \* 0.877 + CBD

31.33 : 1 <b>CBD to THC Ratio</b>	Not Tested <b>Water Activity</b>	Not Tested <b>Moisture</b>
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## Safety

Not Tested <b>Pesticides</b>	Not Tested <b>Microbials</b>	Not Tested <b>Residual Solvents</b>	Not Tested <b>Metals</b>	Not Tested <b>pH</b>
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RL = Reporting Limit  
NA = Not Applicable  
NT = Not Tested  
ND = Non Detected  
LOQ = Limit of Quantification



Augustus Olthafer  
Chemist



This product has been tested by Desert Valley Testing using valid testing methodologies. Values reported only relate to the product tested. Desert Valley Testing makes no claims to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of Desert Valley Testing.