



**Certificate of Analysis**  
Compliance Test

**Client Information:**

**Red Devil**

73 Greentree DR,  
DE 19904

Batch # RDHH200PR  
Batch Date: 2025-08-14  
Extracted From: Hemp

Test Reg State: Georgia

Order # MIL250725-070025  
Order Date: 2025-08-14  
Sample # ABL912

Sampling Date: 2025-08-15  
Lab Batch Date: 2025-08-15  
Completion Date: 2025-08-22

Initial Gross Weight: 66.100g



Product Image

<b>Potency Tested</b>	<b>HHCP Tested</b>	<b>Pathogenic Microbiology Passed</b>	<b>Heavy Metals Passed</b>	<b>Mycotoxins Passed</b>
<b>Pesticides Passed</b>	<b>Residual Solvents Passed</b>	<b>Moisture Tested</b>	<b>Microbiology Passed</b>	<b>Filtration and Foreign Passed</b>

**Potency (LCUV) (GA) + Potency 25 (LCUV)**

**Tested**  
SOP13.001 (LCUV)

**Potency Summary**

Specimen Weight: 209.870 mg

Analyte	Dilution (1:n)	LOD (mg/g)	LOQ (%)	Result (mg/g)	(%)
CBDA	15.000	1.00E-5	0.0125	100.7500	10.0750
Delta9-THCP	15.000	1.17E-5	0.01	73.1600	7.3160
CBD	15.000	5.40E-5	0.0125	62.4300	6.2430
Delta8-THCP	15.000	3.75E-4	0.0125	8.7100	0.8710
Delta-9 THC	15.000	1.30E-5	0.0125	2.2400	0.2400
CBC	15.000	2.76E-5	0.075	3.6100	0.3610
CBGA	15.000	8.00E-5	0.0125	3.4800	0.3480
CBG	15.000	2.48E-4	0.0125	1.8700	0.1870
THCA-A	15.000	3.20E-5	0.0125	1.3700	0.1370
CBT	15.000	2.00E-4	0.0125	1.3300	0.1330
Delta-8 THC	15.000	2.60E-5	0.0125	1.0400	0.1040
CBDVA	15.000	1.40E-5	0.0125	0.8200	0.0820
Delta-8 THCV	15.000	4.00E-5	0.0125	0.4900	0.0490
CBN	15.000	1.40E-5	0.0125	<LOQ	<LOQ
Delta-10 THC	15.000	3.00E-6	0.0125	<LOQ	<LOQ
Delta-9 THC-O Acetate	15.000	7.70E-5	0.025	<LOQ	<LOQ
Exo-THC	15.000	2.30E-4	0.0125	<LOQ	<LOQ
CBCA	15.000	1.07E-4	0.0125	<LOQ	<LOQ
CBDV	15.000	6.50E-5	0.0125	<LOQ	<LOQ
CBL	15.000	3.50E-5	0.0125	<LOQ	<LOQ
CBNA	15.000	9.50E-5	0.0125	<LOQ	<LOQ
Delta-8 THC-O Acetate	15.000	2.70E-5	0.025	<LOQ	<LOQ
THCB	15.000	1.80E-4	0.0163	<LOQ	<LOQ
THCH	15.000	3.50E-4	0.0163	<LOQ	<LOQ
THCV	15.000	7.00E-6	0.0125	<LOQ	<LOQ
THCVA	15.000	4.70E-5	0.0125	<LOQ	<LOQ
Total Active CBD	15.000			150.788	15.078775
Total Active THC	15.000			6.521	0.652149

<b>Total HHC</b> None Detected	<b>Total Active THC</b> 0.652%
<b>Total Active CBD</b> 15.079%	<b>Total CBG</b> 0.493%
<b>Total CBN</b> None Detected	<b>Total Cannabinoids</b> 57.65 %
<b>Total DELTA8-THCP</b> 0.871%	

Summary Results determined from two distinct Potency Tests - Potency (LCUV) (GA) + Potency 25 (LCUV) Sample was oven dried before potency testing.

*Aixia Sun*

Aixia Sun Lab Director/Principal Scientist  
D.H.Sc., M.Sc., B.Sc., MT (AAB)

Definitions and Abbreviations used in this report: Total Active CBD = CBD + (CBD-A \* 0.877), \*Total CBDV = CBDV + (CBDVA \* 0.867), Total Active THC = THCA-A \* 0.877 + Delta 9 THC, Total THCV = THCV + (THCVA \* 0.87), CBG Total = (CBGA \* 0.878) + CBG, CBN Total = (CBNA \* 0.876) + CBN, Total CBC = CBC + (CBCA \* 0.877), Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate, Total THCP = Delta8-THCP + Delta9-THCP, Total Cannabinoids = Total percentage of cannabinoids within the sample. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor, (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram, (µg/g) = Microgram per Gram, (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = Water Activity, (mg/Kg) = Milligram per Kilogram, The results apply to the sample as received.  
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**Moisture**

Specimen Weight: **N/A** Dilution Factor: 1.000

**Tested**

SOP13.015 (Moisture  
Meter)

Analyte	Action Level (%)	Result (%)
Moisture	15	5.21



**Microbiology Pathogenic AE qPCR - (GA)**

**Passed**

SOP13.029  
(qPCR)

Specimen Weight: 1048.900 mg

Dilution Factor: 1.000

Analyte	Action Level (cfu/g)	Result (cfu/g)	Analyte	Action Level (cfu/g)	Result (cfu/g)
Aspergillus (Flavus, Fumigatus, Niger, Terreus)	1	Passed	STEC	1	Passed



**Microbiology AC TYM BTGN plating - (GA)**

Specimen Weight: 1002.800 mg

**Passed**

SOP13.003 (Petrifilm)

Dilution Factor: 1.000

Analyte	LOQ (cfu/g)	Action Level (cfu/g)	Result (cfu/g)	Analyte	LOQ (cfu/g)	Action Level (cfu/g)	Result (cfu/g)
Bile tolerant gram-negative bacteria	100	1000	<100	Total Yeast/Mold	1000	10000	<1000
Total Aerobic Count	1000	100000	<1000				



**Filth and Foreign Material - (GA)**

Specimen Weight: **N/A** Dilution Factor: 1.000

**Passed**

SOP13.020  
(Electronic  
Balance)

Analyte	Action Level (%)	Result (%)	Analyte	Action Level (%)	Result (%)
Covered Area	10	0.00	Weight %	1	0.00
Feces	0.5	0.00			

*Aixia Sun*

Aixia Sun Lab Director/Principal Scientist  
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**Heavy Metals**

Specimen Weight: 251.510 mg

**Passed**

SOP13.048 (ICP-MS)

Dilution Factor: 198

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	4.830	100	200	<LOQ	Lead (Pb)	11.760	100	500	<LOQ
Cadmium (Cd)	0.640	100	200	<LOQ	Mercury (Hg)	0.580	100	200	<LOQ



**Residual Solvents (GA-4)**

Specimen Weight: 16.800 mg

**Passed**

SOP13.039 (GCMS-HS)

Dilution Factor: 1.000

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Butane	0.417	53.6	800000	<LOQ	Heptane	0.001	29.8	500000	<LOQ
Ethanol	0.002	59.5	5000000	<LOQ	Hexane	0.068	25	100000	<LOQ



**Mycotoxins**

Specimen Weight: 585.300 mg

**Passed**

SOP13.007 (LCMS/GCMS)

Dilution Factor: 2.560

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	0.304	6	20	<LOQ	Aflatoxin G2	0.271	6	20	<LOQ
Aflatoxin B2	0.077	6	20	<LOQ	Ochratoxin A	0.754	3.8	20	<LOQ
Aflatoxin G1	0.304	6	20	<LOQ					

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**HHCP**

Specimen Weight: 209.870 mg

**Tested**  
SOP13.050 (LCMS)

Dilution Factor: 7500.000

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%) Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
(9R)-HHC	0.000	0.075	<LOQ	<LOQ 9(S)-HHCP	0.000	0.075	<LOQ	<LOQ
(9S)-HHC	0.000	0.075	<LOQ	<LOQ CBC	0.000	0.075	3.61	0.361
(±)-9β-hydroxy-HHC	0.000	0.075	<LOQ	<LOQ Delta-8 THC methyl ether	0.000	0.075	<LOQ	<LOQ
1(R)-H4-CBD	0.000	0.15	<LOQ	<LOQ Delta-9 THC methyl ether	0.000	0.075	<LOQ	<LOQ
1(S)-H4-CBD	0.000	0.15	<LOQ	<LOQ H2-CBD	0.000	0.075	<LOQ	<LOQ
9(R)-HHCP	0.000	0.075	<LOQ	<LOQ Total HHC		0.075	<LOQ	<LOQ

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**Pesticides**

Specimen Weight: 585.300 mg

**Passed**

SOP13.007 (LCMS/GCMS)

Dilution Factor: 2.560

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	0.288	28.23	100	<LOQ	Fludioxonil	1.740	48	100	<LOQ
Acephate	0.023	30	100	<LOQ	Hexythiazox	0.049	30	100	<LOQ
Acequinocyl	9.564	48	100	<LOQ	Imazail	0.248	30	100	<LOQ
Acetamiprid	0.052	30	100	<LOQ	Imidacloprid	0.094	30	400	<LOQ
Aldicarb	0.026	30	100	<LOQ	Kresoxim Methyl	0.042	30	100	<LOQ
Azoxystrobin	0.081	10	100	<LOQ	Malathion	0.082	30	200	<LOQ
Bifenazate	1.415	30	100	<LOQ	Metalaxyl	0.081	10	100	<LOQ
Bifenthrin	0.043	30	200	<LOQ	Methiocarb	0.032	30	100	<LOQ
Boscalid	0.055	10	100	<LOQ	Methomyl	0.022	30	100	<LOQ
Captan	6.120	30	700	<LOQ	methylParathion	1.710	10	100	<LOQ
Carbaryl	0.022	10	500	<LOQ	Mevinphos	2.150	10	100	<LOQ
Carbofuran	0.034	10	100	<LOQ	MGK-264	0.585	10	100	<LOQ
Chlorantraniliprole	0.033	10	1000	<LOQ	Myclobutanil	1.029	30	100	<LOQ
Chlordane	10.000	10	100	<LOQ	Naled	0.095	30	250	<LOQ
Chlorfenapyr	0.034	30	100	<LOQ	Oxamyl	0.025	30	500	<LOQ
Chloromequat Chloride	0.108	10	1000	<LOQ	Paclobutrazol	0.065	30	100	<LOQ
Chlorpyrifos	0.035	30	100	<LOQ	Pentachloronitrobenzene	1.320	10	150	<LOQ
Clofentezine	0.119	30	200	<LOQ	Permethrin	0.343	30	100	<LOQ
Coumaphos	3.770	48	100	<LOQ	Phosmet	0.082	30	100	<LOQ
Cyfluthrin	3.110	30	500	<LOQ	Piperonylbutoxide	0.029	30	3000	<LOQ
Cypermethrin	1.449	30	500	<LOQ	Prallethrin	0.798	30	100	<LOQ
Daminozide	0.885	30	100	<LOQ	Propiconazole	0.070	30	100	<LOQ
Diazinon	0.044	30	100	<LOQ	Propoxur	0.046	30	100	<LOQ
Dichlorvos	2.182	30	100	<LOQ	Pyrethrins	23.593	30	500	<LOQ
Dimethoate	0.021	30	100	<LOQ	Pyridaben	0.032	30	200	<LOQ
Dimethomorph	5.830	48	200	<LOQ	Spinetoram	0.080	10	200	<LOQ
Ethoprophos	0.360	30	100	<LOQ	Spinosad	0.088	30	100	<LOQ
Etofenprox	0.116	30	100	<LOQ	Spiromesifen	0.261	30	100	<LOQ
Etoxazole	0.095	30	100	<LOQ	Spirotetramat	0.089	30	100	<LOQ
Fenhexamid	0.510	10	100	<LOQ	Spiroxamine	0.131	30	100	<LOQ
Fenoxycarb	0.107	30	100	<LOQ	Tebuconazole	0.067	30	100	<LOQ
Fenpyroximate	0.138	30	100	<LOQ	Thiacloprid	0.064	30	100	<LOQ
Fipronil	0.107	30	100	<LOQ	Thiamethoxam	0.050	30	500	<LOQ
Flonicamid	0.517	30	100	<LOQ	Trifloxystrobin	0.037	30	100	<LOQ

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NORTHEN LIGHTS



Pathogenic Microbiology

**Passed**

Product Image

**Microbiology Pathogenic AE qPCR - (GA)**

Specimen Weight: 1042.900 mg

**Passed**  
SOP13.029 (qPCR)

Dilution Factor: 1.000

Analyte	Action Level (cfu/g)	Result (cfu/g)	Analyte	Action Level (cfu/g)	Result (cfu/g)
Aspergillus (Flavus, Fumigatus, Niger, Terreus)	1	Passed	STEC	1	Passed

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