



Certificate of Analysis

Sample: **DE10621006-001**
 Harvest/Lot ID: **1A4000D0003B4D5000000045**
 Metrc #: **1A4000D0003B4D5000000046**
 Seed to Sale#: **1A4000D0003B4D5000000046**
 Batch Date: **06/21/21**
 Batch#: **1A4000D0003B4D5000000045**
 Sample Size Received: **1 gram**
 Total Weight/Volume: **N/A**
 Retail Product Size: **30 gram**
 Ordered : **06/21/21**
 sampled : **06/21/21**
 Completed: **07/01/21** Expires: **07/01/22**
 Sampling Method: **SOP-024**

Jul 01, 2021 | Redmon Company Inc
(Windy Hill Hemp)










License # 403H-103503
PO Box 207
Louviers, CO, 80131, US



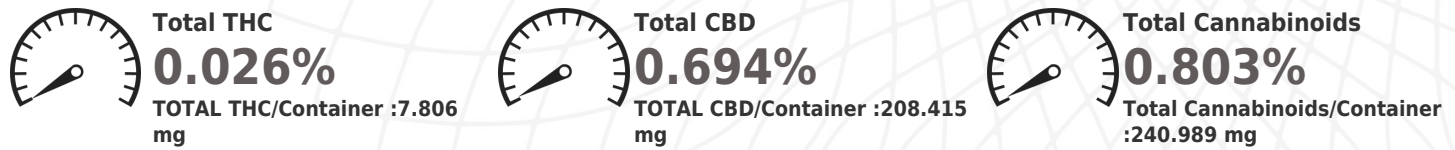
PASSED
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PRODUCT IMAGE SAFETY RESULTS



									
Pesticides PASSED	Heavy Metals PASSED	Microbials PASSED	Mycotoxins PASSED	Residuals Solvents PASSED	Filtration NOT TESTED	Water Activity NOT TESTED	Moisture NOT TESTED	Homogeneity NOT TESTED	Terpenes NOT TESTED

CANNABINOID RESULTS



	CBDV	CBDVA	CBG	CBD	CBDA	THCV	CBGA	CBN	EXO-THC	CBDQ	D9-THC	D8-THC	CBL	THCVA	CBC	D10-THC	CBNA	THCA	CBCA	CBLA
%	0.026	ND	0.010	0.694	ND	ND	ND	ND	0.006	ND	0.026	ND	ND	ND	0.038	ND	ND	ND	ND	ND
mg/g	0.26	ND	0.10	6.94	ND	ND	ND	ND	0.06	ND	0.26	ND	ND	ND	0.38	ND	ND	ND	ND	ND
LOD	0.00265237	0.001	0.00219044	2.8E-5	1.1E-5	0.00205806	0.00192419	1.0E-6	0.000237	0.0148	2.2E-5	0.00268886	7	8	0.00286194	0.0129	4	1.0E-5	0.00210199	0.00116619
%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%

Cannabinoid Profile Test

Analyzed by 8	Weight 1.0711g	Extraction date : 06/24/21 12:06:31	Extracted By : 1642
Analysis Method -SOP-020 (R15)	Reviewed On - 06/28/21 11:19:23	Batch Date : 06/23/21 12:23:51	
Analytical Batch -DE002066POT	Instrument Used : Agilent 1100 "Falcon" Running On :		

Reagent	Dilution	Consums. ID	Consums. ID
062421.R07	40	041321 0264898 00302923 ROBB28597 280674667 12104-042CC-042	923C4-923AK 5079-525C6-525E

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with DAD detection (HPLC-UV). Method SOP-022 (R13) for reporting. Lower limit of linearity for all cannabinoids is 1 mg/L.

Label Claim - **PASSED**

Analyte	LOD	Units	Result
TOTAL CBG	0.001	mg	3.292
TOTAL CBN	0.001	mg	ND

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Stephen Goldman
Lab Director
State License # 405R-00011 405-00008
ISO Accreditation # 4331.01


Signature

07/01/21
Signed On



Certificate of Analysis

PASSED

PO Box 207
Louviers, CO, 80131, US
Telephone: (303) 999-7180
Email: kristy@redmonco.com
License #: 403H-103503

Sample : DE10621006-001
Harvest/LOT ID: 1A4000D0003B4D5000000045
Batch# : 1A4000D0003B4D5000000045
Sample Size Received : 1 gram
Total Weight/Volume : N/A
Sampled : 06/21/21
Ordered : 06/21/21
Completed : 07/01/21
Expires: 07/01/22
Sample Method : SOP-024

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Pesticides

PASSED

Pesticides	LOD	Units	Action Level	Result
OTHER PESTICIDES	0.1	ppb	100	ND
AVERMECTINS	0.0271	ppb	70	ND
AZOXYSTROBIN	0.0149	ppb	20	ND
BIFENAZATE	0.0118	ppb	20	ND
ETOXAZOLE	0.00645	ppb	10	ND
IMAZALIL	0.0646	ppb	40	ND
IMIDACLOPRID	0.00748	ppb	20	ND
MALATHION	0.01108	ppb	50	ND
MYCLOBUTANIL	0.0135	ppb	40	ND
PERMETHRINS	0.0131	ppb	40	ND
SPIROMESIFEN	0.0499	ppb	30	ND
SPIROTETRAMAT	0.0301	ppb	20	ND
SPINOSADS	0.0134	ppb	60	ND
TEBUCONAZOLE	0.0103	ppb	10	ND



Pesticides

PASSED

Analyzed by 8
Weight 0.1591g
Extraction date 06/28/21 12:06:46
Extracted By 1696
Analysis Method - SOP-060 (R5),
Analytical Batch - DE002056PES
Instrument Used : Sciex 6500 Qtrap - Pesticides
Running On : Batch Date : 06/22/21 10:02:11

Reagent	Dilution	Consums. ID
062121.R09	25	041321
061421.R01		0264898
061821.R03		AN042
061721.R07		040CB-040D
062121.R08		280674667
061321.R03		213685

Pesticide screen is performed using LC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides via SOP-060 (R5). *

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Telephone: (303) 999-7180
Email: kristy@redmonco.com
License #: 403H-103503


Sample : DE10621006-001
Harvest/LOT ID: 1A4000D0003B4D5000000045
Batch# : 1A4000D0003B4D5000000045
Sample Size Received : 1 gram
Total Weight/Volume : N/A
Sampled : 06/21/21
Ordered : 06/21/21
Completed : 07/01/21
Expires: 07/01/22
Sample Method : SOP-024

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Residual Solvents

PASSED



Residual Solvents

PASSED

Solvent	LOD	Units	Action Level (PPM)	Pass/Fail	Result
PROPANE	4.21421	ppm	1000	PASS	ND
ETHYL ACETATE	2.79218	ppm	1000	PASS	ND
BUTANES	15.794	ppm	1000	PASS	ND
BENZENE	0.47491	ppm	2	PASS	ND
METHANOL	1.27868	ppm	600	PASS	15.085
HEPTANE	3.25945	ppm	1000	PASS	ND
PENTANES	13.828	ppm	1000	PASS	ND
TOLUENE	2.10881	ppm	180	PASS	ND
XYLENES	7.115	ppm	430	PASS	ND
ETHANOL	2.70106	ppm	10000	PASS	3106.818
ACETONE	1.708	ppm	1000	PASS	ND
2-PROPANOL	1.58756	ppm	1000	PASS	21.555
HEXANES	1.92798	ppm	60	PASS	ND

Analyzed by 666 **Weight** 0.1544g **Extraction date** 06/22/21 03:06:19 **Extracted By** 666

Analysis Method -SOP-032 (R18)
Analytical Batch -DE002054SOL **Reviewed On - 06/23/21 11:39:27**
Instrument Used : GC 5890
Running On : 06/22/21 15:58:45
Batch Date : 06/21/21 16:52:00

Reagent	Dilution	Consums. ID
062221.R14	1	24160453 31726-2-1 213685

Residual solvents screening is performed using GC which can detect below single digit ppm concentrations. Currently we analyze for 15 Residual solvents.

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Stephen Goldman
Lab Director
State License #
405R-00011 405-00008
ISO Accreditation # 4331.01



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Certificate of Analysis

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Louviers, CO, 80131, US
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License #: 403H-103503

Sample : DE10621006-001
Harvest/LOT ID: 1A4000D0003B4D5000000045
Batch# : 1A4000D0003B4D5000000045
Sample Size Received : 1 gram
Total Weight/Volume : N/A
Completed : 07/01/21 **Expires:** 07/01/22
Sample Method : SOP-024



Microbials
PASSED



Mycotoxins
PASSED

Analyte	LOD	Result
TOTAL_YEAST_AND_MOLD		not present in 1 gram.
SHIGA_TOXIN_PRODUCING_ESCHERICHIA_COLI_STEC		not present in 1 gram.
SALMONELLA_SPECIES		not present in 1 gram.

Analysis Method -SOP-061 (R2); SOP-062 (R2); SOP-063 (R1)
Analytical Batch -DE002057MIC **Batch Date** : 06/22/21
Instrument Used : Microbial - Full Panel
Running On : 06/23/21

Analyzed by	Weight	Extraction date	Extracted By
1473	3.71g	06/24/21	1473

Microbiological testing for Fungal and Bacterial Identification via Polymerase Chain Reaction (PCR) methods and plating methods. If a pathogenic Escherichia Coli (STEC) or Salmonella is detected in 1g of a sample, the sample fails the microbiological-impurity testing.

Analyte	LOD	Units	Result	Action Level (PPM)
AFLATOXIN G2	0.303	ppb	ND	20
AFLATOXIN G1	0.180	ppb	ND	20
AFLATOXIN B2	0.0904	ppb	ND	20
AFLATOXIN B1	1.327	ppb	ND	20
OCHRATOXIN A+	0.0491	ppb	ND	20
AFLATOXINS		ppb	0.000	20

Analysis Method -SOP-060 (R5)
Analytical Batch -DE002058MYC | **Reviewed On** - 07/01/21 16:35:18
Instrument Used : Sciex 6500 Qtrap - Mycotoxins
Running On :
Batch Date : 06/22/21 10:33:34

Analyzed by	Weight	Extraction date	Extracted By
8	0.1624g	NA	NA

Aflatoxins B1, B2, G1, G2, and Ochratoxin A testing using LC-MS via SOP-060 (R5). Total Aflatoxins (Aflatoxin B1, B2, G1, G2) must be < 20µg/Kg. Ochratoxins must be < 5µg/Kg.



Heavy Metals
PASSED

Dilution
50

Metal	LOD	Unit	Result	Action Level (PPM)
ARSENIC	0.0020	ppm	<0.005	1.5
CADMIUM	0.0016	ppm	ND	0.5
MERCURY	0.0035	ppm	ND	1
LEAD	0.0101	ppm	ND	1

Analyzed by	Weight	Extraction date	Extracted By
7	0.2197g	06/23/21 12:06:59	666

Analysis Method -SOP-050 (R5)
Analytical Batch -DE002062HEA | **Reviewed On** - 06/24/21 08:44:18
Instrument Used : Shimadzu 2030 ICP-MS
Running On : 06/23/21 15:38:26
Batch Date : 06/22/21 16:05:36

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma - Mass Spectrometer) which can screen to below single digit ppb concentrations for regulated heavy metals using method SOP-050 (R5). Sample preparation for Heavy Metals Analysis via SOP-050 (R5).

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