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## **Rocket Fuel**

Sample ID: G2D0386-12

Matrix: Industrial Hemp

**Test ID**: 5011693

Source ID:

**Date Sampled:** 04/25/22

Date Accepted: 04/25/22

Batch Lot ID: 1620

C Oregon LLC

## Results at a Glance

Total THC: 0.3096 %

Total CBD: 9.819 %

Total CBG: 0.03992 %

delta 8-THC: 22.15 % PASS





Eric Wendt Chief Science Officer - 4/27/2022



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#### **Potency Analysis** Analysis Method/SOP: 215 **Batch Identification: 2218008** Date/Time Extracted: 04/26/22 10:17 **Cannabinoids Profile** Cannabinoids LOQ (%) % by Wt. mg/g Total THC 0.009080 0.3096 3.096 Total CBD 0.008300 9.819 98.19 10.5 Total CBG 7.900E-4 0.03992 0.3992 **THCA** 5.000E-4 0.3531 3.531 delta 9-THC < LOQ 5.000E-4 < LOQ delta 8-THC 0.01796 22.15 221.5 THCV 0.005055 0.09897 0.9897 **THCVA** 0.001885 < LOQ < LOQ 0.002000 6.233 CBD 0.6233 THCA 0.4 **CBDA** 0.002000 10.49 104.9 delta 8-THC 22.2 THCV 0.1 **CBDV** 0.005000 0.03941 0.3941 **CBDA** 10.5 CBD 0.6 **CBDVA** 0.001640 0.05779 0.5779 **CBDV** 0.0 CBN 0.002990 0.08550 0.855 CBN 0.1 CBG 0.0 CBG 7.900F-4 0.03992 0.3992 CBC 0.1 **CBDVA** 0.1 **CBGA** 7.900E-4 < LOQ < LOQ Total: 34.0 CBC 0.9721 0.008965 0.09721

Total THC = delta 9-THC + (THCA \* 0.877) Total CBD = CBD + (CBDA \* 0.877)

Total CBG = CBG + (CBGA \* 0.878)

 $\label{lowest} \mbox{LOQ=Limit of Quantification, the lowest measurable concentration of an analyte.}$ 





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# Quality Control Potency

Batch: 2218008 - 215-Hemp

Blank(2218008-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0005	%		04/26/22 10:17	04/26/22 21:27	
THCA	< LOQ	5.000E-4	%		04/26/22 10:17	04/26/22 21:27	
delta 9-THC	< LOQ	0.0005	%		04/26/22 10:17	04/26/22 21:27	
delta 9-THC	< LOQ	5.000E-4	%		04/26/22 10:17	04/26/22 21:27	
delta 8-THC	< LOQ	0.004	%		04/26/22 10:17	04/26/22 21:27	
delta 8-THC	< LOQ	0.004490	%		04/26/22 10:17	04/26/22 21:27	
THCV	< LOQ	0.005	%		04/26/22 10:17	04/26/22 21:27	
THCV	< LOQ	0.005055	%		04/26/22 10:17	04/26/22 21:27	
THCVA	< LOQ	0.002	%		04/26/22 10:17	04/26/22 21:27	
THCVA	< LOQ	0.001885	%		04/26/22 10:17	04/26/22 21:27	
CBD	< LOQ	0.0005	%		04/26/22 10:17	04/26/22 21:27	
CBD	< LOQ	5.000E-4	%		04/26/22 10:17	04/26/22 21:27	
CBDA	< LOQ	5.000E-4	%		04/26/22 10:17	04/26/22 21:27	
CBDA	< LOQ	0.0005	%		04/26/22 10:17	04/26/22 21:27	
CBDV	< LOQ	0.005	%		04/26/22 10:17	04/26/22 21:27	
CBDV	< LOQ	0.005000	%		04/26/22 10:17	04/26/22 21:27	
CBDVA	< LOQ	0.002	%		04/26/22 10:17	04/26/22 21:27	
CBDVA	< LOQ	0.001640	%		04/26/22 10:17	04/26/22 21:27	
CBN	< LOQ	0.003	%		04/26/22 10:17	04/26/22 21:27	
CBN	< LOQ	0.002990	%		04/26/22 10:17	04/26/22 21:27	
CBG	< LOQ	0.0008	%		04/26/22 10:17	04/26/22 21:27	
CBG	< LOQ	7.900E-4	%		04/26/22 10:17	04/26/22 21:27	
CBGA	< LOQ	0.0008	%		04/26/22 10:17	04/26/22 21:27	
CBGA	< LOQ	7.900E-4	%		04/26/22 10:17	04/26/22 21:27	
СВС	< LOQ	0.008965	%		04/26/22 10:17	04/26/22 21:27	
СВС	< LOQ	0.009	%		04/26/22 10:17	04/26/22 21:27	

Reference(2218008-SRM1)								
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes	
THCA	95.1	0.0005	%	90-110	04/26/22 10:17	04/26/22 22:01		
THCA	95.1	5.000E-4	%	90-110	04/26/22 10:17	04/26/22 22:01		
delta 9-THC	97.8	0.0005	%	90-110	04/26/22 10:17	04/26/22 22:01		
delta 9-THC	97.8	5.000E-4	%	90-110	04/26/22 10:17	04/26/22 22:01		
delta 8-THC	105	0.004	%	90-110	04/26/22 10:17	04/26/22 22:01		
delta 8-THC	105	0.004490	%	90-110	04/26/22 10:17	04/26/22 22:01		
CBD	94.9	0.0005	%	90-110	04/26/22 10:17	04/26/22 22:01		
CBD	94.9	5.000E-4	%	90-110	04/26/22 10:17	04/26/22 22:01		
CBDA	103	0.0005	%	90-110	04/26/22 10:17	04/26/22 22:01		
CBDA	103	5.000E-4	%	90-110	04/26/22 10:17	04/26/22 22:01		





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## **Notes and Definitions**

Regulatory Compliance samples were collected onsite at facility according to ORELAP-SOP-001 and ORELAP-SOP-002 and following Sampling Plan FN117.

Quality Control samples were tested as received.

ATM	Non-cannabis matrix related interference or suppression of Internal standard
BLI	Baseline Interference - Cannabinoid peak interference in chromatographic baseline affecting QC recovery.
BLK	Analyte detected in method blank, but not associated samples.
BSH	Blank Spike High - Blank Spike recovery above method limit. no detections in samples.
BSL	Blank Spike Low - Blank Spike recovery below lower method limit, analyte chromatography reviewed

BSL Blank Spike Low - Blank Spike recovery below lower method limit, analyte chromatography reviewed
 manually for all samples.

CBD Interference due to co-elution

CV1 CBD matrix interference on GC Pest chromatography

CV2 CCV was above acceptance criteria, Non-detect samples are considered acceptable.

INF CCV was below acceptance criteria, sample still exceeds regulatory limit.

ISH One or more QC falls outside acceptance criteria. Data entered into LIMS for informational purposes only.

ISL Internal Standard concentration is above acceptance criteria.

MSH Internal Standard concentration is below acceptance criteria.

MSI Matrix Spike High - Matrix Spike recovery above method limits.

MSL Matrix Spike Interference - Matrix spike source sample contains analyte hit above calibration affecting

TPP recovery accuracy in Matrix Spike.

U Matrix Spike Low - Matrix Spike recovery below lower method limit, analyte chromatography reviewed manually for all samples.

Internal Standard concentration outside control limit due to matrix interference



