

Rocket Fuel

 Sample ID: SA-250711-65067
 Batch: R100
 Type: Plant Material
 Matrix: Plant - Flower
 Unit Mass (g):

 Received: 05/09/2025
 Completed: 05/28/2025

Client
 Nock Fulfillments LLC
 PO Box 667577
 Charlotte, NC 28266
 USA

Summary

Test	Date Tested	Status
Cannabinoids	05/20/2025	Tested
Moisture	05/15/2025	Tested
Heavy Metals	05/28/2025	Tested
Microbials	05/27/2025	Tested
Mycotoxins	05/27/2025	Tested
Pesticides	05/27/2025	Tested
Residual Solvents	05/27/2025	Tested
Terpenes	05/28/2025	Tested

0.211 % Δ9-THC	13.2 % Δ8-THC	27.9 % Total Cannabinoids	10.43 % Moisture Content	Not Tested Foreign Matter	Yes Internal Standard Normalization
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Cannabinoids by HPLC-PDA and GC-MS/MS

Analyte	LOD (%)	LOQ (%)	Result (% dry)	Result (mg/g dry)
CBC	0.00095	0.0028	0.0982	0.982
CBCA	0.00181	0.0054	0.706	7.06
CBCV	0.0006	0.0018	ND	ND
CBD	0.00081	0.0024	1.15	11.5
CBDA	0.00043	0.0013	10.9	109
CBDV	0.00061	0.0018	ND	ND
CBDVA	0.00021	0.0006	0.0745	0.745
CBG	0.00057	0.0017	0.225	2.25
CBGA	0.00049	0.0015	0.453	4.53
CBL	0.00112	0.0033	ND	ND
CBLA	0.00124	0.0037	ND	ND
CBN	0.00056	0.0017	0.180	1.80
CBNA	0.0006	0.0018	ND	ND
CBT	0.0018	0.0054	ND	ND
Δ4,8-iso-THC	0.00067	0.002	0.0211	0.211
Δ8-iso-THC	0.00067	0.002	0.290	2.90
Δ8-THC	0.00104	0.0031	13.2	132
Δ8-THCV	0.00067	0.002	0.0592	0.592
Δ9-THC	0.00076	0.0023	0.211	2.11
Δ9-THCA	0.00084	0.0025	0.347	3.47
Δ9-THCV	0.00069	0.0021	ND	ND
Δ9-THCVA	0.00062	0.0019	ND	ND
exo-THC	0.00067	0.002	ND	ND
Total Δ9-THC			0.51511	5.15
Total			27.9	279

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit; Δ = Delta; Total Δ9-THC = Δ9-THCA * 0.877 + Δ9-THC; Total CBD = CBDA * 0.877 + CBD;



 Generated By: Ryan Bellone
 Commercial Director
 Date: 07/11/2025



 Tested By: Scott Caudill
 Laboratory Manager
 Date: 05/20/2025

 ISO/IEC 17025:2017 Accredited
 Accreditation #108651


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Terpenes by GC-MS

Analyte	LOD (%)	LOQ (%)	Result (%)	Analyte	LOD (%)	LOQ (%)	Result (%)
α-Bisabolol	0.002	0.01	0.0943	Limonene	0.002	0.01	0.413
(+)-Borneol	0.002	0.01	<LOQ	Linalool	0.002	0.01	0.0665
Camphene	0.002	0.01	<LOQ	β-myrcene	0.002	0.01	0.139
Camphor	0.004	0.02	ND	Nerol	0.002	0.01	0.176
3-Carene	0.002	0.01	ND	cis-Nerolidol	0.002	0.01	ND
β-Caryophyllene	0.002	0.01	0.236	trans-Nerolidol	0.002	0.01	0.256
Caryophyllene Oxide	0.002	0.01	0.0182	Ocimene	0.002	0.01	0.024
α-Cedrene	0.002	0.01	ND	α-Phellandrene	0.002	0.01	0.0609
Cedrol	0.002	0.01	ND	α-Pinene	0.002	0.01	0.278
Eucalyptol	0.002	0.01	<LOQ	β-Pinene	0.002	0.01	0.198
Fenchone	0.004	0.02	<LOQ	Pulegone	0.002	0.01	ND
Fenchyl Alcohol	0.002	0.01	0.0161	Sabinene	0.002	0.01	ND
Geraniol	0.002	0.01	ND	Sabinene Hydrate	0.002	0.01	<LOQ
Geranyl Acetate	0.002	0.01	ND	α-Terpinene	0.002	0.01	<LOQ
Guaial	0.002	0.01	0.0454	γ-Terpinene	0.002	0.01	<LOQ
Hexahydrothymol	0.002	0.01	ND	α-Terpineol	0.001	0.005	0.0102
α-Humulene	0.002	0.01	0.073	γ-Terpineol	0.001	0.005	ND
Isoborneol	0.002	0.01	ND	Terpinolene	0.002	0.01	0.119
Isopulegol	0.002	0.01	ND	Valencene	0.002	0.01	ND
				Total Terpenes (%)			2.27

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit; Values over action limits may be estimates




 Generated By: Ryan Bellone
 Commercial Director
 Date: 07/11/2025



 Tested By: Kelsey Rogers
 Scientist
 Date: 05/28/2025


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Heavy Metals by ICP-MS

Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)
Arsenic	0.002	0.02	<LOQ
Cadmium	0.001	0.02	0.0430
Lead	0.002	0.02	ND
Mercury	0.012	0.05	ND

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 Date: 07/11/2025



Tested By: Natalia Wright
 Laboratory Technician
 Date: 05/28/2025



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Pesticides by LC-MS/MS and GC-MS/MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
Abamectin	30	100	ND	Hexythiazox	30	100	ND
Acephate	30	100	ND	Imazalil	30	100	ND
Acetamiprid	30	100	ND	Imidacloprid	30	100	ND
Aldicarb	30	100	ND	Kresoxim methyl	30	100	ND
Azoxystrobin	30	100	ND	Malathion	30	100	ND
Bifenazate	30	100	ND	Metalaxyl	30	100	ND
Bifenthrin	30	100	ND	Methiocarb	30	100	ND
Boscalid	30	100	ND	Methomyl	30	100	ND
Carbaryl	30	100	ND	Mevinphos	30	100	ND
Carbofuran	30	100	ND	Myclobutanil	30	100	ND
Chloranthraniliprole	30	100	ND	Naled	30	100	ND
Chlorfenapyr	30	100	ND	Oxamyl	30	100	ND
Chlorpyrifos	30	100	ND	Paclobotrazol	30	100	ND
Clofentezine	30	100	ND	Permethrin	30	100	ND
Coumaphos	30	100	ND	Phosmet	30	100	ND
Cypermethrin	30	100	ND	Piperonyl Butoxide	30	100	ND
Daminozide	30	100	ND	Propiconazole	30	100	ND
Diazinon	30	100	ND	Propoxur	30	100	ND
Dichlorvos	30	100	ND	Pyrethrins	30	100	ND
Dimethoate	30	100	ND	Pyridaben	30	100	ND
Dimethomorph	30	100	ND	Spinetoram	30	100	ND
Ethoprophos	30	100	ND	Spinosad	30	100	ND
Etofenprox	30	100	ND	Spiromesifen	30	100	ND
Etoxazole	30	100	ND	Spirotetramat	30	100	ND
Fenhexamid	30	100	ND	Spiroxamine	30	100	ND
Fenoxycarb	30	100	ND	Tebuconazole	30	100	ND
Fenpyroximate	30	100	ND	Thiacloprid	30	100	ND
Fipronil	30	100	ND	Thiamethoxam	30	100	ND
Fonicamid	30	100	ND	Trifloxystrobin	30	100	ND
Fludioxonil	30	100	ND				

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 Generated By: Ryan Bellone
 Commercial Director
 Date: 07/11/2025



 Tested By: Anthony Mattingly
 Scientist
 Date: 05/27/2025


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Mycotoxins by LC-MS/MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
B1	1	5	ND
B2	1	5	ND
G1	1	5	ND
G2	1	5	ND
Ochratoxin A	1	5	ND

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit; Values over action limits may be estimates



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Tested By: Anthony Mattingly
 Scientist
 Date: 05/27/2025



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Microbials by PCR and Plating

Analyte	LOD (CFU/g)	Result (CFU/g)	Result (Qualitative)
Total aerobic count	100	12900	
Total coliforms	10	30.0	
Generic E. coli	10	ND	
Salmonella spp.	1		Not Detected per 1 gram
Shiga-toxin producing E. coli (STEC)	1		Not Detected per 1 gram

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Generated By: Ryan Bellone
 Commercial Director
 Date: 07/11/2025



Tested By: Kelly Jones
 Microbiologist
 Date: 05/27/2025



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Residual Solvents by HS-GC-MS

Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)
Acetone	167	500	ND	Ethylene Oxide	0.5	1	ND
Acetonitrile	14	41	ND	Heptane	167	500	ND
Benzene	0.5	1	ND	n-Hexane	10	29	ND
Butane	167	500	ND	Isobutane	167	500	ND
1-Butanol	167	500	ND	Isopropyl Acetate	167	500	ND
2-Butanol	167	500	ND	Isopropyl Alcohol	167	500	ND
2-Butanone	167	500	ND	Isopropylbenzene	167	500	ND
Chloroform	2	6	ND	Methanol	100	300	ND
Cyclohexane	129	388	ND	2-Methylbutane	10	29	ND
1,2-Dichloroethane	0.5	1	ND	Methylene Chloride	20	60	ND
1,2-Dimethoxyethane	4	10	ND	2-Methylpentane	10	29	ND
Dimethyl Sulfoxide	167	500	ND	3-Methylpentane	10	29	ND
N,N-Dimethylacetamide	37	109	ND	n-Pentane	167	500	ND
2,2-Dimethylbutane	10	29	ND	1-Pentanol	167	500	ND
2,3-Dimethylbutane	10	29	ND	n-Propane	167	500	ND
N,N-Dimethylformamide	30	88	ND	1-Propanol	167	500	ND
2,2-Dimethylpropane	167	500	ND	Pyridine	7	20	ND
1,4-Dioxane	13	38	ND	Tetrahydrofuran	24	72	ND
Ethanol	167	500	ND	Toluene	30	89	ND
2-Ethoxyethanol	6	16	ND	Trichloroethylene	3	8	ND
Ethyl Acetate	167	500	ND	Xylenes (o-, m-, and p-)	73	217	ND
Ethyl Ether	167	500	ND				
Ethylbenzene	3	7	ND				

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