

ELEMENT

METRC Batch: 1A4060300017959000000243
METRC Sample: 1A40603000032CF000066902
Sample ID: 2301ENC0845_2698
Strain: ELEMENT
Matrix: Plant
Type: Flower - Cured
Batch#: SS-ELE

Collected: 01/24/2023
Received: 01/25/2023
Completed: 01/27/2023
Sample Size: 32 g; Batch: 8,140.0 g

Distributor
High Grade Distribution
Lic. # C11-0000057-LIC
1551 Nursery Way Unit A,
Mckinleyville, CA, 95519

Producer
Sol Spirit Farm LLC
Lic. # CCL19-0005199
6301 South Fork Road
Salyer, CA 95563



Summary

Test	Date Tested	Instr. Method	Result
Batch			Pass
Cannabinoids	01/26/2023	LC-DAD	Complete
Terpenes	01/26/2023	GC-MS	Complete
Moisture	01/26/2023	Moisture Analyzer	15.34% - Complete
Water Activity	01/26/2023	Water Activity Meter	0.5397 aw - Pass
Pesticides	01/26/2023	LC-MS	Pass
Mycotoxins	01/26/2023	LC-MS	Pass
Microbial Impurities	01/27/2023	qPCR	Pass
Heavy Metals	01/27/2023	ICP-MS	Pass
Foreign Matter	01/26/2023	Visual Inspection	Pass

Cannabinoids

Method: SOP EL-CANNABINOIDS

31.334 %

Total THC

0.055 %

Total CBD

32.840 %

Total Cannabinoids

Analytes	LOD	LOQ	Result	Result
	mg/g	mg/g	%	mg/g
THCa	0.139	0.421	34.311	343.11
Δ9-THC	0.149	0.451	1.243	12.43
Δ8-THC	0.164	0.498	ND	ND
THCVa	0.160	0.486	0.066	0.66
THCV	0.166	0.502	ND	ND
CBDa	0.146	0.442	0.063	0.63
CBD	0.140	0.425	ND	ND
CBN	0.132	0.401	ND	ND
CBGa	0.158	0.479	0.688	6.88
CBG	0.146	0.442	0.098	0.98
CBCa	0.129	0.391	0.788	7.88
CBC	0.151	0.459	ND	ND
Total THC			31.334	313.34
Total CBD			0.055	0.55
Total Cannabinoids			32.840	328.40

Total THC = THCa * 0.877 + Δ9-THC; Total CBD = CBDa * 0.877 + CBD; Total Cannabinoids = (cannabinoid acid forms * 0.877) + cannabinoids; Sum of Cannabinoids = cannabinoid acid forms + cannabinoids; LOQ = Limit of Quantitation; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected. The reported result is based on a sample weight with the applicable moisture content for that sample. Foreign Material Method: SOP EL-FOREIGN; Moisture and Water Activity Method: SOP EL-WATER



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Terpenes






Method: EL-TERPENES

Analytes	LOD	LOQ	Result	Result
	mg/g	mg/g	%	mg/g
β-Myrcene	0.051	0.220	1.835	18.35
β-Caryophyllene	0.056	0.220	1.117	11.17
δ-Limonene	0.027	0.220	0.533	5.33
α-Humulene	0.022	0.220	0.483	4.83
Linalool	0.034	0.220	0.239	2.39
α-Bisabolol	0.067	0.220	0.089	0.89
β-Pinene	0.030	0.220	0.061	0.61
Fenchol	0.031	0.220	0.043	0.43
α-Pinene	0.032	0.220	0.041	0.41
trans-Nerolidol	0.071	0.220	0.031	0.31
Caryophyllene Oxide	0.066	0.220	0.026	0.26
Camphene	0.019	0.220	<LOQ	<LOQ
Borneol	0.049	0.220	<LOQ	<LOQ
Fenchone	0.035	0.220	<LOQ	<LOQ
Guaiol	0.065	0.220	ND	ND
δ-3-Carene	0.026	0.220	ND	ND
α-Terpinene	0.040	0.220	ND	ND
p-Cymene	0.021	0.220	ND	ND
Eucalyptol	0.037	0.220	ND	ND
γ-Terpinene	0.039	0.220	ND	ND
Terpinolene	0.048	0.220	ND	ND
Camphor	0.040	0.331	ND	ND
Valencene	0.057	0.220	ND	ND
cis-Nerolidol	0.055	0.220	ND	ND
Sabinene	0.022	0.220	ND	ND
Sabinene Hydrate	0.042	0.220	ND	ND
Isopulegol	0.068	0.441	ND	ND
Isoborneol	0.019	0.220	ND	ND
Menthol	0.068	0.220	ND	ND
Nerol	0.046	1.102	ND	ND
Pulegone	0.046	0.220	ND	ND
Geraniol	0.063	1.102	ND	ND
α-Cedrene	0.040	0.220	ND	ND
Cedrol	0.038	0.220	ND	ND
Total			4.499	44.987

Date Tested: 01/26/2023

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Primary Aromas

 Musky	 Clove	 Citrusy	 Hops	 Lavender
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Pesticides

Method: EL-PESTMYCOLCMS

Analytes	LOD	LOQ	Limit	Result	Status	Analytes	LOD	LOQ	Limit	Result	Status
	µg/g	µg/g	µg/g	µg/g			µg/g	µg/g	µg/g	µg/g	
Abamectin	0.005	0.02	0.10	ND	Pass	Fludioxonil	0.01	0.05	0.10	ND	Pass
Acephate	0.002	0.01	0.10	ND	Pass	Hexythiazox	0.005	0.02	0.10	ND	Pass
Acequinocyl	0.01	0.02	0.10	ND	Pass	Imazalil	0.05	0.1	0.05	ND	Pass
Acetamiprid	0.005	0.02	0.10	ND	Pass	Imidacloprid	0.005	0.02	5.00	ND	Pass
Aldicarb	0.05	0.1	0.05	ND	Pass	Kresoxim Methyl	0.005	0.02	0.10	ND	Pass
Azoxystrobin	0.005	0.02	0.10	ND	Pass	Malathion	0.02	0.05	0.50	ND	Pass
Bifenazate	0.005	0.01	0.10	ND	Pass	Metalaxyl	0.002	0.005	2.00	ND	Pass
Bifenthrin	0.02	0.05	3.00	ND	Pass	Methiocarb	0.05	0.1	0.05	ND	Pass
Boscalid	0.02	0.05	0.10	ND	Pass	Methomyl	0.01	0.02	1.00	ND	Pass
Captan	0.2	0.3	0.70	ND	Pass	Parathion Methyl	0.02	0.05	0.05	ND	Pass
Carbaryl	0.02	0.05	0.50	ND	Pass	Mevinphos	0.02	0.05	0.02	ND	Pass
Carbofuran	0.05	0.1	0.05	ND	Pass	Myclobutanil	0.005	0.01	0.10	ND	Pass
Chlorantraniliprole	0.002	0.01	10.00	ND	Pass	Naled	0.01	0.02	0.10	ND	Pass
Chlordane	0.05	0.1	0.05	ND	Pass	Oxamyl	0.005	0.01	0.50	ND	Pass
Chlorfenapyr	0.05	0.1	0.05	ND	Pass	Paclobutrazol	0.05	0.1	0.05	ND	Pass
Chlorpyrifos	0.05	0.1	0.05	ND	Pass	PCNB	0.02	0.05	0.10	ND	Pass
Clofentezine	0.01	0.02	0.10	ND	Pass	Permethrin	0.02	0.05	0.50	ND	Pass
Coumaphos	0.02	0.05	0.02	ND	Pass	Phosmet	0.01	0.02	0.10	ND	Pass
Cyfluthrin	0.05	0.1	2.00	ND	Pass	Piperonyl Butoxide	0.02	0.05	3.00	ND	Pass
Cypermethrin	0.1	0.2	1.00	ND	Pass	Prallethrin	0.005	0.02	0.10	ND	Pass
Daminozide	0.02	0.05	0.02	ND	Pass	Propiconazole	0.005	0.01	0.10	ND	Pass
Diazinon	0.002	0.01	0.10	ND	Pass	Propoxure	0.05	0.1	0.05	ND	Pass
Dichlorvos	0.02	0.05	0.02	ND	Pass	Pyrethrins	0.02	0.05	0.50	ND	Pass
Dimethoate	0.02	0.05	0.02	ND	Pass	Pyridaben	0.005	0.01	0.10	ND	Pass
Dimethomorph	0.005	0.02	2.00	ND	Pass	Spinetoram	0.005	0.01	0.10	ND	Pass
Ethoprophos	0.05	0.1	0.05	ND	Pass	Spinosad	0.005	0.01	0.10	ND	Pass
Etofenprox	0.05	0.1	0.05	ND	Pass	Spiromesifen	0.01	0.02	0.10	ND	Pass
Etoxazole	0.005	0.02	0.10	ND	Pass	Spirotetramat	0.005	0.01	0.10	ND	Pass
Fenhexamid	0.005	0.02	0.10	ND	Pass	Spiroxamine	0.05	0.1	0.05	ND	Pass
Fenoxycarb	0.05	0.1	0.05	ND	Pass	Tebuconazole	0.005	0.01	0.10	ND	Pass
Fenpyroximate	0.005	0.02	0.10	ND	Pass	Thiacloprid	0.02	0.05	0.02	ND	Pass
Fipronil	0.05	0.1	0.05	ND	Pass	Thiamethoxam	0.005	0.01	5.00	ND	Pass
Flonicamid	0.01	0.02	0.10	ND	Pass	Trifloxystrobin	0.005	0.01	0.10	ND	Pass

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Mycotoxins

Method: EL-PESTMYCOLCMS

Analytes	LOD	LOQ	Limit	Result	Status
	µg/kg	µg/kg	µg/kg	µg/kg	
Aflatoxin B1	1.00	2.00		ND	Tested
Aflatoxin B2	1.00	2.00		ND	Tested
Aflatoxin G1	2.00	4.00		ND	Tested
Aflatoxin G2	1.00	2.00		ND	Tested
Ochratoxin A	4.00	10.00	20.00	ND	Pass
Total Aflatoxins			20.00	ND	Pass

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Microbial Impurities

Method: SOP EL-MICROBIALS

Analytes	Result	Status
Aspergillus flavus	Not Detected in 1g	Pass
Aspergillus fumigatus	Not Detected in 1g	Pass
Aspergillus niger	Not Detected in 1g	Pass
Aspergillus terreus	Not Detected in 1g	Pass
Shiga toxin-producing Escherichia coli	Not Detected in 1g	Pass
Salmonella spp	Not Detected in 1g	Pass

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Heavy Metals

Method: SOP EL-HEAVYMETALS

Analytes	LOD	LOQ	Limit	Result	Status
	µg/g	µg/g	µg/g	µg/g	
Arsenic	0.012	0.036	0.200	ND	Pass
Cadmium	0.015	0.044	0.200	0.049	Pass
Lead	0.055	0.167	0.500	ND	Pass
Mercury	0.005	0.015	0.100	ND	Pass

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