

Raspberry Kush D8 Vape

Sample ID: SA-06172021-2316
 Batch: 0621D8VP
 Type: Finished Materials
 Matrix: Concentrate - Vape

Received: 06/21/2021
 Completed: 06/25/2021

Client
 SunFlora Inc.
 600 8th Ave W, STE 400
 Palmetto, FL 34221
 USA



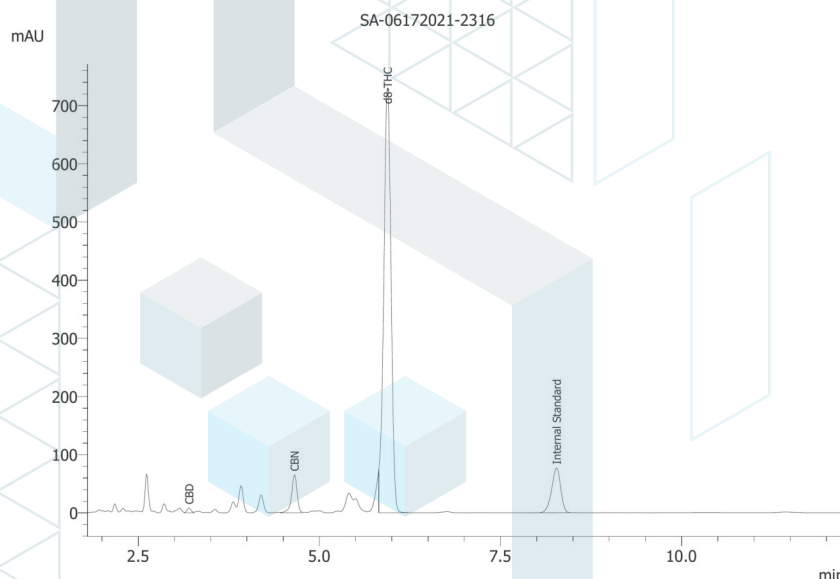
Summary

Test	Date Tested	Status
Cannabinoids	06/23/2021	Tested
Foreign Matter	06/23/2021	Not Detected
Heavy Metals	06/22/2021	Tested
Microbials	06/25/2021	Tested
Mycotoxins	06/25/2021	Tested
Pesticides	06/25/2021	Tested
Residual Solvents	06/22/2021	Tested
Terpenes	06/23/2021	Tested

Cannabinoids by HPLC-PDA

ND	73.3 %	75.9 %	Not Tested	Not Detected	Yes
Total Δ9-THC	Δ8-THC	Total Cannabinoids	Moisture Content	Foreign Matter	Internal Marker Recovered

Analyte	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)
CBC	0.0095	0.0284	ND	ND
CBCA	0.0181	0.0543	ND	ND
CBCV	0.006	0.018	ND	ND
CBD	0.0081	0.0242	0.2758	2.7585
CBDA	0.0043	0.013	ND	ND
CBDV	0.0061	0.0182	0.4451	4.4508
CBDVA	0.0021	0.0063	ND	ND
CBG	0.0057	0.0172	ND	ND
CBGA	0.0049	0.0147	ND	ND
CBL	0.0112	0.0335	ND	ND
CBLA	0.0124	0.0371	ND	ND
CBN	0.0056	0.0169	1.8889	18.8888
CBNA	0.006	0.0181	ND	ND
Δ8-THC	0.0104	0.0312	73.3166	733.166
Δ9-THC	0.0076	0.0227	ND	ND
Δ9-THCA	0.0084	0.0251	ND	ND
Δ9-THCV	0.0069	0.0206	ND	ND
Δ9-THCVA	0.0062	0.0186	ND	ND
Total Δ9-THC			ND	ND
Total CBD			0.2758	2.7585
Total			75.9264	759.264



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



06/29/2021



ISO/IEC 17025:2017 Accredited
 Accreditation #108651



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Heavy Metals by ICP-MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)	P/F
Arsenic	2	20	ND	P
Cadmium	1	20	ND	P
Lead	2	20	ND	P
Mercury	12	50	ND	P

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

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)	P/F	Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)	P/F
Abamectin	1	5	ND	P	Imazalil	1	5	ND	P
Acephate	1	5	ND	P	Imidacloprid	1	5	ND	P
Acetamiprid	1	5	ND	P	Kresoxim methyl	1	5	ND	P
Aldicarb	1	5	ND	P	Malathion	1	5	ND	P
Azoxystrobin	1	5	ND	P	Metalaxyl	1	5	ND	P
Bifenazate	1	5	ND	P	Methiocarb	1	5	ND	P
Boscalid	1	5	ND	P	Methomyl	1	5	ND	P
Carbaryl	1	5	ND	P	Mevinphos	1	5	ND	P
Carbofuran	1	5	ND	P	Myclobutanil	1	5	ND	P
Chloranthraniliprole	1	5	ND	P	Naled	1	5	ND	P
Clofentezine	1	5	ND	P	Oxamyl	1	5	ND	P
Daminozide	1	5	ND	P	Paclobutrazol	1	5	ND	P
Diazinon	1	5	ND	P	Permethrin	1	5	ND	P
Dichlorvos	1	5	ND	P	Phosmet	1	5	ND	P
Dimethoate	1	5	ND	P	Piperonyl Butoxide	1	5	ND	P
Dimethomorph	1	5	ND	P	Propiconazole	1	5	ND	P
Ethoprophos	1	5	ND	P	Propoxur	1	5	ND	P
Etofenprox	1	5	ND	P	Pyridaben	1	5	ND	P
Fenhexamid	1	5	ND	P	Spinetoram	1	5	ND	P
Fenoxycarb	1	5	ND	P	Spinosad	1	5	ND	P
Fenpyroximate	1	5	ND	P	Spiromesifen	1	5	ND	P
Fipronil	1	5	ND	P	Spirotetramat	1	5	ND	P
Flonicamid	1	5	ND	P	Spiroxamine	1	5	ND	P
Fludioxonil	1	5	ND	P	Tebuconazole	1	5	ND	P
					Thiacloprid	1	5	ND	P
					Thiamethoxam	1	5	ND	P
					Trifloxystrobin	1	5	ND	P

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Microbials by qPCR and/or Plating

Analyte	LOD	Result (CFU/g)	P/F
Aerobic Bacteria	100	ND	P
E.coli/Coliforms	100	ND	P
Salmonella	100	ND	P
Total Enterobacteriaceae	100	ND	P

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Mycotoxins by LC-MS/MS

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

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Residual Solvents by HS-GC-MS/MS

Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)	P/F	Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)	P/F
Acetone	0.5	1	<RL	P	Ethylene Oxide	0.5	1	ND	P
Acetonitrile	0.5	1	ND	P	Heptane	0.5	1	ND	P
Benzene	0.5	1	ND	P	n-Hexane	0.5	1	ND	P
Butane	0.5	1	ND	P	Isobutane	0.5	1	ND	P
1-Butanol	0.5	1	ND	P	Isopropyl Acetate	0.5	1	ND	P
2-Butanol	0.5	1	ND	P	Isopropyl Alcohol	0.5	1	<RL	P
2-Butanone	0.5	1	ND	P	Isopropylbenzene	0.5	1	ND	P
Chloroform	0.5	1	ND	P	Methanol	0.5	1	<RL	P
Cyclohexane	0.5	1	ND	P	2-Methylbutane	0.5	1	ND	P
1,2-Dichloroethane	0.5	1	ND	P	Methylene Chloride	0.5	1	ND	P
1,2-Dimethoxyethane	0.5	1	ND	P	2-Methylpentane	0.5	1	ND	P
Dimethyl Sulfoxide	0.5	1	ND	P	3-Methylpentane	0.5	1	ND	P
N,N-Dimethylacetamide	0.5	1	ND	P	n-Pentane	0.5	1	ND	P
2,2-Dimethylbutane	0.5	1	ND	P	1-Pentanol	0.5	1	ND	P
N,N-Dimethylformamide	0.5	1	ND	P	n-Propane	0.5	1	ND	P
2,2-Dimethylpropane	0.5	1	ND	P	1-Propanol	0.5	1	ND	P
1,4-Dioxane	0.5	1	ND	P	Pyridine	0.5	1	ND	P
Ethanol	0.5	1	ND	P	Tetrahydrofuran	0.5	1	ND	P
2-Ethoxyethanol	0.5	1	ND	P	Toluene	0.5	1	ND	P
Ethyl Acetate	0.5	1	ND	P	Trichloroethylene	0.5	1	ND	P
Ethyl Ether	0.5	1	ND	P	Tetramethylene Sulfone	0.5	1	ND	P
Ethylbenzene	0.5	1	ND	P	Xylenes (o-, m-, and p-)	0.5	1	ND	P
Ethylene Glycol	0.5	1	ND	P					

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Terpenes by HS-GC-MS/MS

Analyte	LOD (%)	LOQ (%)	Result (%)	Analyte	LOD (%)	LOQ (%)	Result (%)
α -Bisabolol	0.00001	0.00005	0.00765	Limonene	0.00001	0.00005	15.1
(+)-Borneol	0.00001	0.00005	0.0376	Linalool	0.00001	0.00005	5.97
Camphene	0.00001	0.00005	0.486	β -myrcene	0.00001	0.00005	10.3
Camphor	0.00001	0.00005	0.00099	Nerol	0.00001	0.00005	ND
3-Carene	0.00001	0.00005	0.0374	cis-Nerolidol	0.00001	0.00005	ND
β -Caryophyllene	0.00001	0.00005	11.0	trans-Nerolidol	0.00001	0.00005	0.00258
Caryophyllene Oxide	0.00001	0.00005	0.0152	Ocimene	0.00001	0.00005	ND
α -Cedrene	0.00001	0.00005	ND	α -Phellandrene	0.00001	0.00005	0.680
Cedrol	0.00001	0.00005	ND	α -Pinene	0.00001	0.00005	1.67
Eucalyptol	0.00001	0.00005	ND	β -Pinene	0.00001	0.00005	2.76
Fenchone	0.00001	0.00005	ND	Pulegone	0.00001	0.00005	0.0132
Fenchyl Alcohol	0.00001	0.00005	2.60	Sabinene	0.00001	0.00005	0.0239
Geraniol	0.00001	0.00005	0.017	Sabinene Hydrate	0.00001	0.00005	ND
Geranyl Acetate	0.00001	0.00005	ND	α -Terpinene	0.00001	0.00005	0.0123
Guaiol	0.00001	0.00005	ND	γ -Terpinene	0.00001	0.00005	0.00155
Hexahydrothymol	0.00001	0.00005	ND	α -Terpineol	0.00001	0.00005	1.63
α -Humulene	0.00001	0.00005	2.43	γ -Terpineol	0.00001	0.00005	ND
Isoborneol	0.00001	0.00005	0.0256	Terpinolene	0.00001	0.00005	0.0188
Isopulegol	0.00001	0.00005	ND	Valencine	0.00001	0.00005	0.00339

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Citrus



Pepper



Hops



Clove



Fruity



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Reporting Limit Appendix

Heavy Metals -

Analyte	Limit (ppb)	Analyte	Limit (ppb)
Arsenic	200	Lead	500
Cadmium	200	Mercury	100

Microbials -

Analyte	Limit (CFU/g)	Analyte	Limit (CFU/g)
Coliforms	1	Aerobic Bacteria	1000
Bile-Tolerant Gram-Negative Bacteria	1000	E.coli/Coliforms	1
Yeast & Mold	1000	Salmonella	1

Residual Solvents -

Analyte	Limit (ppm)	Analyte	Limit (ppm)
Acetone	5000	Ethylene Oxide	1
Acetonitrile	410	Heptane	5000
Benzene	2	n-Hexane	290
Butane	5000	Isobutane	5000
1-Butanol	5000	Isopropyl Acetate	5000
2-Butanol	5000	Isopropyl Alcohol	500
2-Butanone	5000	Isopropylbenzene	70
Chloroform	60	Methanol	3000
Cyclohexane	3880	2-Methylbutane	5000
1,2-Dichloroethane	5	Methylene Chloride	600
1,2-Dimethoxyethane	100	2-Methylpentane	290
Dimethyl Sulfoxide	5000	3-Methylpentane	290
N,N-Dimethylacetamide	1090	n-Pentane	5000
2,2-Dimethylbutane	290	1-Pentanol	5000
N,N-Dimethylformamide	880	n-Propane	5000
2,2-Dimethylpropane	1	1-Propanol	5000
1,4-Dioxane	380	Pyridine	200
Ethanol	5000	Tetrahydrofuran	720
2-Ethoxyethanol	160	Toluene	890
Ethyl Acetate	5000	Trichloroethylene	80
Ethyl Ether	5000	Tetramethylene Sulfone	160
Ethylbenzene	70	Xylenes (o-, m-, and p-)	2170
Ethylene Glycol	620		

Pesticides -

Analyte	Limit (ppb)	Analyte	Limit (ppb)
Acequinocyl	30	Imidacloprid	400
Acetamiprid	50	Kresoxim methyl	100
Aldicarb	100	Malathion	500
Azoxystrobin	100	Metalaxyl	2000
Bifenazate	100	Methiocarb	100
Bifenthrin	500	Methomyl	100
Boscalid	100	Mevinphos	100
Captan	700	MGK-264	200
Carbaryl	25	Myclobutanil	100
Carbofuran	100	Naled	100
Chloranthraniliprole	200	Oxamyl	200
Chlordane	50	Paclobutrazol	100
Chlorfenapyr	100	Parathion methyl	100
Chlorpyrifos	100	Pentachloronitrobenzene	100
Clofentezine	100	Permethrin	500
Coumaphos	100	Phosmet	50
Cyfluthrin	100	Piperonyl Butoxide	3000
Cypermethrin	1000	Prallethrin	100
Daminozide	100	Propiconazole	100
Diazinon	100	Propoxur	100
Dichlorvos	100	Pyrethrins	500
Dimethoate	100	Pyridaben	100
Dimethomorph	2000	Spinetoram	100
Ethoprophos	100	Spinosad	100
Etofenprox	100	Spiromesifen	100
Etoxazole	10	Spirotetramat	100
Fenhexamid	100	Spiroxamine	100
Fenoxycarb	100	Tebuconazole	100
Fenpyroximate	100	Thiacloprid	100
Fipronil	100	Thiamethoxam	5000
Flonicamid	100	Trifloxystrobin	100
Fludioxonil	100		

Mycotoxins -

Analyte	Limit (ppm)	Analyte	Limit (ppm)
B1	20	B2	20
G1	20	G2	20
Ochratoxin A	20		

Pesticides -

Analyte	Limit (ppb)	Analyte	Limit (ppb)
Abamectin	100	Hexythiazox	100
Acephate	20	Imazalil	100

