

Royal CBD - Full Spectrum CBD Gummies 25mg

Sample ID: SA-220610-9865
 Batch: RP-FS0122006375
 Type: Finished Products
 Matrix: Edible - Gummy
 Unit Mass (g): 4.61523

Received: 06/13/2022
 Completed: 06/27/2022

Client
 Royal Purity Inc.
 4175 Cameron St, Suite 8
 Las Vegas, NV 89103
 USA



Summary

Test	Date Tested	Status
Cannabinoids	06/17/2022	Tested
Heavy Metals	06/16/2022	Tested
Microbials	06/17/2022	Tested
Mycotoxins	06/27/2022	Tested
Pesticides	06/27/2022	Tested
Residual Solvents	06/20/2022	Tested

0.0155 %	0.554 %	0.659 %	Not Tested	Not Tested	Yes
Total Δ9-THC	CBD	Total Cannabinoids	Moisture Content	Foreign Matter	Internal Standard Normalization

Cannabinoids by HPLC-PDA, LC-MS/MS, and/or GC-MS/MS

Analyte	LOD (%)	LOQ (%)	Result (%)	Result (mg/unit)
CBC	0.00095	0.00284	0.0183	0.846
CBCA	0.00181	0.00543	ND	ND
CBCV	0.0006	0.0018	ND	ND
CBD	0.00081	0.00242	0.554	25.6
CBDA	0.00043	0.0013	ND	ND
CBDV	0.00061	0.00182	0.00254	0.117
CBDVA	0.00021	0.00063	ND	ND
CBG	0.00057	0.00172	0.0440	2.03
CBGA	0.00049	0.00147	ND	ND
CBL	0.00112	0.00335	ND	ND
CBLA	0.00124	0.00371	ND	ND
CBN	0.00056	0.00169	<LOQ	<LOQ
CBNA	0.0006	0.00181	ND	ND
Δ8-THC	0.00104	0.00312	0.0247	1.14
Δ9-THC	0.00076	0.00227	0.0155	0.713
Δ9-THCA	0.00084	0.00251	ND	ND
Δ9-THCV	0.00069	0.00206	ND	ND
Δ9-THCVA	0.00062	0.00186	ND	ND
Total Δ9-THC			0.0155	0.713
Total CBD			0.554	25.6
Total			0.659	30.4

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: Alex Morris
 Quality Assurance Manager
 Date: 06/27/2022



Tested By: Jared Burkhart
 Technical Manager
 Date: 06/17/2022



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

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit



Generated By: Alex Morris
 Quality Assurance Manager
 Date: 06/27/2022



Tested By: Nicholas Howard
 Scientist
 Date: 06/16/2022



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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
Acephate	30	100	ND	P	Hexythiazox	30	100	ND	P
Acetamiprid	30	100	ND	P	Imazalil	30	100	ND	P
Azoxystrobin	30	100	ND	P	Imidacloprid	30	100	ND	P
Bifenazate	30	100	ND	P	Kresoxim methyl	30	100	ND	P
Boscalid	30	100	ND	P	Malathion	30	100	ND	P
Carbaryl	30	100	ND	P	Metaxyl	30	100	ND	P
Carbofuran	30	100	ND	P	Methiocarb	30	100	ND	P
Chloranthraniliprole	30	100	ND	P	Methomyl	30	100	ND	P
Chlorfenapyr	30	100	ND	P	Mevinphos	30	100	ND	P
Chlorpyrifos	30	100	ND	P	Myclobutanil	30	100	ND	P
Clofentezine	30	100	ND	P	Oxamyl	30	100	ND	P
Coumaphos	30	100	ND	P	Paclobutrazol	30	100	ND	P
Daminozide	30	100	ND	P	Phosmet	30	100	ND	P
Diazinon	30	100	ND	P	Piperonyl Butoxide	30	100	ND	P
Dichlorvos	30	100	ND	P	Prallethrin	30	100	ND	P
Dimethoate	30	100	ND	P	Propiconazole	30	100	ND	P
Dimethomorph	30	100	ND	P	Propoxur	30	100	ND	P
Ethoprophos	30	100	ND	P	Pyrethrins	30	100	ND	P
Etofenprox	30	100	ND	P	Pyridaben	30	100	ND	P
Etoxazole	30	100	ND	P	Spinetoram	30	100	ND	P
Fenhexamid	30	100	ND	P	Spinosad	30	100	ND	P
Fenoxycarb	30	100	ND	P	Spirotetramat	30	100	ND	P
Fenpyroximate	30	100	ND	P	Spiroxamine	30	100	ND	P
Fipronil	30	100	ND	P	Tebuconazole	30	100	ND	P
Flonicamid	30	100	ND	P	Thiacloprid	30	100	ND	P
Fludioxonil	30	100	ND	P	Thiamethoxam	30	100	ND	P
					Trifloxystrobin	30	100	ND	P

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit



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 Quality Assurance Manager
 Date: 06/27/2022



Tested By: Alex Morris
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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

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit



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 Quality Assurance Manager
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Tested By: Alex Morris
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USA**Microbials by PCR and Plating**

Analyte	LOD (CFU/g)	Result (CFU/g)	P/F
Coliforms	1	ND	
Aerobic Bacteria	1	ND	
E.coli/Coliforms	1	ND	
Salmonella	1	ND	

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; CFU = Colony Forming Units; P = Pass; F = Fail; RL = Reporting Limit

Generated By: Alex Morris
Quality Assurance Manager
Date: 06/27/2022Tested By: Alex Morris
Quality Assurance Manager
Date: 06/17/2022

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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	167	500	ND	P	Ethylene Glycol	21	62	ND	P
Acetonitrile	14	41	ND	P	Ethylene Oxide	0.5	1	ND	P
Benzene	0.5	1	ND	P	Heptane	167	500	ND	P
Butane	167	500	ND	P	n-Hexane	10	29	ND	P
1-Butanol	167	500	ND	P	Isobutane	167	500	ND	P
2-Butanol	167	500	ND	P	Isopropyl Acetate	167	500	ND	P
2-Butanone	167	500	ND	P	Isopropyl Alcohol	167	500	ND	P
Chloroform	2	6	ND	P	Isopropylbenzene	167	500	ND	P
Cyclohexane	129	388	ND	P	Methanol	100	300	ND	P
1,2-Dichloroethane	0.5	1	ND	P	2-Methylbutane	10	29	ND	P
1,2-Dimethoxyethane	4	10	ND	P	Methylene Chloride	20	60	ND	P
Dimethyl Sulfoxide	167	500	ND	P	2-Methylpentane	10	29	ND	P
N,N-Dimethylacetamide	37	109	ND	P	3-Methylpentane	10	29	ND	P
2,2-Dimethylbutane	10	29	ND	P	n-Pentane	167	500	ND	P
2,3-Dimethylbutane	10	29	ND	P	1-Pentanol	167	500	ND	P
N,N-Dimethylformamide	30	88	ND	P	n-Propane	167	500	ND	P
2,2-Dimethylpropane	167	500	ND	P	1-Propanol	167	500	ND	P
1,4-Dioxane	13	38	ND	P	Pyridine	7	20	ND	P
Ethanol	167	500	ND	P	Tetrahydrofuran	24	72	ND	P
2-Ethoxyethanol	6	16	ND	P	Toluene	30	89	ND	P
Ethyl Acetate	167	500	ND	P	Trichloroethylene	3	8	ND	P
Ethyl Ether	167	500	ND	P	Tetramethylene Sulfone	6	16	ND	P
Ethylbenzene	3	7	ND	P	Xylenes (o-, m-, and p-)	73	217	ND	P

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Generated By: Alex Morris
 Quality Assurance Manager
 Date: 06/27/2022



Tested By: Scott Caudill
 Senior Scientist
 Date: 06/20/2022



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Reporting Limit Appendix

Heavy Metals - Colorado CDPHE

Analyte	Limit (ppb)	Analyte	Limit (ppb)
Arsenic	1500	Lead	500
Cadmium	500	Mercury	1500

Microbials - Colorado CDPHE

Analyte	Limit (CFU/g)	Analyte	Limit (CFU/g)
Coliforms	100	Aerobic Bacteria	10000

Residual Solvents - USP 467

Analyte	Limit (ppm)	Analyte	Limit (ppm)
Acetone	5000	Ethylene Glycol	620
Acetonitrile	410	Ethylene Oxide	1
Benzene	2	Heptane	5000
Butane	5000	n-Hexane	290
1-Butanol	5000	Isobutane	5000
2-Butanol	5000	Isopropyl Acetate	5000
2-Butanone	5000	Isopropyl Alcohol	5000
Chloroform	60	Isopropylbenzene	5000
Cyclohexane	3880	Methanol	3000
1,2-Dichloroethane	5	2-Methylbutane	290
1,2-Dimethoxyethane	100	Methylene Chloride	600
Dimethyl Sulfoxide	5000	2-Methylpentane	290
N,N-Dimethylacetamide	1090	3-Methylpentane	290
2,2-Dimethylbutane	290	n-Pentane	5000
2,3-Dimethylbutane	290	1-Pentanol	5000
N,N-Dimethylformamide	880	n-Propane	5000
2,2-Dimethylpropane	5000	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

Pesticides - CA DCC

Analyte	Limit (ppb)	Analyte	Limit (ppb)
Azoxystrobin	40000	Imidacloprid	3000
Bifenazate	5000	Kresoxim methyl	1000
Boscalid	10000	Malathion	5000
Carbaryl	500	Metalaxyl	15000
Carbofuran	30	Methiocarb	30
Chloranthraniliprole	40000	Methomyl	100
Chlorfenapyr	30	Mevinphos	30
Chlorpyrifos	30	Myclobutanil	9000
Clofentezine	500	Oxamyl	200
Coumaphos	30	Paclobutrazol	30
Daminozide	30	Phosmet	200
Diazinon	200	Piperonyl Butoxide	8000
Dichlorvos	30	Prallethrin	400
Dimethoate	30	Propiconazole	20000
Dimethomorph	20000	Propoxur	30
Ethoprophos	30	Pyrethrins	1000
Etofenprox	30	Pyridaben	3000
Etoazole	1500	Spinetoram	3000
Fenhexamid	10000	Spinosad	3000
Fenoxycarb	30	Spirotetramat	13000
Fenpyroximate	2000	Spiroxamine	30
Fipronil	30	Tebuconazole	2000
Flonicamid	2000	Thiacloprid	30
Fludioxonil	30000	Thiamethoxam	4500

Mycotoxins - Colorado CDPHE

Analyte	Limit (ppm)	Analyte	Limit (ppm)
B1	5	B2	5
G1	5	G2	5

Pesticides - CA DCC

Analyte	Limit (ppb)	Analyte	Limit (ppb)
Acephate	5000	Hexythiazox	2000
Acetamiprid	5000	Imazalil	30

