



Quad Pink Panther
Sample Matrix:
CBD/HEMP
Flower & Plants
(Inhalation - Heated)



DEA No. RA0571996
FL License # CMTL-0003
CLIA No. 10D1094068

Certificate of Analysis

Compliance Test

KMS AG CONSULTING
34081 EXCOR RD BUILDING A
EUGENE, OREGON 97405

Batch # PPQ142023
Batch Date: 2023-01-04
Extracted From: Industrial Hemp

Sampling Method: MSP 7.3.1
Test Reg State: Oregon

Production Facility: USA
Production Date: 2023-01-04

Order # KMS230104-150001
Order Date: 2023-01-04
Sample # AADY050

Sampling Date: 2023-01-06
Lab Batch Date: 2023-01-06
Completion Date: 2023-01-12

Initial Gross Weight: 20.680 g



Product Image

Potency
Tested

Heavy Metals
Passed

Mycotoxins
Passed

Pesticides
Passed

Residual Solvents
Passed

Moisture
Tested

Listeria Monocytogenes
Passed

Pathogenic
Passed

Delta 8/Delta 10 Potency
13 - (LCUV) + Potency 23
(LCUV)

Tested
SOP13.002 (LCUV)

Specimen Weight: 207.350 mg

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBDA	1500.000	1.00E-5	0.0015	99.0900	9.9090
CBGA	1500.000	8.00E-5	0.0015	63.9500	6.3950
CBD	1500.000	5.40E-5	0.0015	31.3300	3.1330
Delta-8 THC	1500.000	2.60E-5	0.0015	29.1600	2.9160
Delta-8 THC-O Acetate	150.000	2.70E-5	0.003	28.7200	2.8720
Delta6a10a-THC	1500.000	8.47E-5	0.0015	15.470	1.547
CBC	1500.000	1.80E-5	0.0015	8.8600	0.8860
Delta-9 THC-O Acetate	15.000	7.70E-5	0.003	7.9730	0.7973
CBCA	15.000	1.07E-4	0.0015	4.8610	0.4861
CBG	1500.000	2.48E-4	0.0015	3.4200	0.3420
THCA-A	1500.000	3.20E-5	0.0015	2.7300	0.2730
Delta-10 THC	1500.000	3.00E-6	0.0015	0.203	0.203
CBN	1500.000	1.40E-5	0.0015	1.7400	0.1740
CBNA	15.000	9.50E-5	0.0015	1.5390	0.1539
CBDVA	15.000	1.40E-5	0.0015	0.8510	0.0851
Delta-8 THCV	15.000	4.00E-5	0.0015	0.8370	0.0837
Delta-9 THC	1500.000	1.30E-5	0.0015	0.3700	0.0370
CBDV	1500.000	6.50E-5	0.0015	<LOQ	<LOQ
THCV	1500.000	7.00E-6	0.0015	<LOQ	<LOQ
CBL	15.000	3.50E-5	0.0015	<LOQ	<LOQ
CBT	15.000	2.00E-4	0.0015	<LOQ	<LOQ
Exo-THC	15.000	2.30E-4	0.0015	<LOQ	<LOQ
THCVA	15.000	4.70E-5	0.0015	<LOQ	<LOQ

Potency Summary

2.916% Total Delta 8 <LOQ	0.203% Total Delta 10 <LOQ
0.239% Total Active THC 0.239421mg	11.823% Total Active CBD 11.823193mg
5.950% Total CBG <LOQ	0.309% Total CBN <LOQ
6.686% Other Cannabinoids <LOQ	30.496% Total Cannabinoids <LOQ

Summary Results determined from two distinct Potency Tests - Delta 8/Delta 10 Potency 13 - (LCUV) + Potency 23 (LCUV)
Summary results above show the dry weight concentration

Xueli Gao Lab Toxicologist
Ph.D., DABT

Aixia Sun Lab Director/Principal Scientist
D.H.Sc., M.Sc., B.Sc., MT (AAB)



Definitions and Abbreviations used in this report: Total Active CBD = CBD + (CBDVA * 0.877), *Total CBDV = CBDV + (CBDVA * 0.87), Total Active THC = THCA-A * 0.877 + Delta 9 THC, Total THCV = THCV + (THCVA * 0.87), CBG Total = (CBGA * 0.877) + CBG, CBN Total = (CBNA * 0.877) + CBN, Total CBC = CBC + (CBCA * 0.877), Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate, Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, Total Detected Cannabinoids = Delta6a10a-THC + Delta8-THC + Total CBN + CBT + Delta8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBDV + Delta10-THC + Total THC-O-Acetate. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram (cfu/g) = Colony Forming Unit per Gram, LOD = Limit of Detection, (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram, *Measurement of Uncertainty = +/- 10%

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard.



DEA No. RA0571996
FL License # CMTL-0003
CLIA No. 10D1094068

Certificate of Analysis

Compliance Test

KMS AG CONSULTING
34081 EXCOR RD BUILDING A
EUGENE, OREGON 97405

Batch # PPQ142023
Batch Date: 2023-01-04
Extracted From: Industrial Hemp

Sampling Method: MSP 7.3.1
Test Reg State: Oregon

Production Facility: USA
Production Date: 2023-01-04

Order # KMS230104-150001
Order Date: 2023-01-04
Sample # AADY050

Sampling Date: 2023-01-06
Lab Batch Date: 2023-01-06
Completion Date: 2023-01-12

Initial Gross Weight: 20.680 g



Pesticides

Specimen Weight: 261.920 mg

Dilution Factor: 5.730

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	2.8800E-1	28.23	300	<LOQ	Imazalil	2.4800E-1	30	100	<LOQ
Acephate	2.3000E-2	30	3000	<LOQ	Imidacloprid	9.4000E-2	30	3000	<LOQ
Acequinocyl	9.5640E+0	48	2000	<LOQ	Kresoxim Methyl	4.2000E-2	30	1000	<LOQ
Acetamiprid	5.2000E-2	30	3000	<LOQ	Malathion	8.2000E-2	30	2000	<LOQ
Aldicarb	2.6000E-2	30	100	<LOQ	Metolaxyl	8.1000E-2	10	3000	<LOQ
Azoxystrobin	8.1000E-2	10	3000	<LOQ	Methiocarb	3.2000E-2	30	100	<LOQ
Bifenazate	1.4150E+0	30	3000	<LOQ	Methomyl	2.2000E-2	30	100	<LOQ
Bifenthrin	4.3000E-2	30	500	<LOQ	Mevinphos	2.1500E+0	30	100	<LOQ
Carbaryl	2.2000E-2	10	500	<LOQ	Myclobutanil	1.0290E+0	30	3000	<LOQ
Chlorfenapyr	8.0000E-2	48	100	<LOQ	Naled	9.5000E-2	30	500	<LOQ
Chlorpyrifos	3.5000E-2	30	100	<LOQ	Oxamyl	2.5000E-2	30	500	<LOQ
Clofentezine	1.1900E-1	30	500	<LOQ	Pacllobutrazol	6.5000E-2	30	100	<LOQ
Coumaphos	3.7700E+0	30	100	<LOQ	Parathion-methyl	1.7100E+0	48	100	<LOQ
Cyfluthrin	3.1100E+0	30	1000	<LOQ	Pentachloronitrobenzene	1.3200E+0	30	200	<LOQ
Cypermethrin	1.4490E+0	30	1000	<LOQ	Permethrin	3.4300E-1	30	1000	<LOQ
Daminozide	8.8500E-1	30	100	<LOQ	Phosmet	8.2000E-2	30	200	<LOQ
Diazinon	4.4000E-2	30	200	<LOQ	Piperonylbutoxide	2.9000E-2	30	3000	<LOQ
Dichlorvos	2.1820E+0	30	100	<LOQ	Prallethrin	7.9800E-1	30	400	<LOQ
Dimethoate	2.1000E-2	30	100	<LOQ	Propiconazole	7.0000E-2	30	1000	<LOQ
Dimethomorph	5.8300E+0	30	3000	<LOQ	Propoxur	4.6000E-2	30	100	<LOQ
Ethiofepros	3.6000E-1	30	100	<LOQ	Pyrethrins	2.3593E+1	30	1000	<LOQ
Etofenprox	1.1600E-1	30	100	<LOQ	Pyridaben	3.2000E-2	30	3000	<LOQ
Etoxazole	9.5000E-2	30	1500	<LOQ	Spinetoram	8.0000E-2	30	3000	<LOQ
Fenhexamid	5.1000E-1	30	3000	<LOQ	Spiromesifen	2.6100E-1	30	3000	<LOQ
Fenoxycarb	1.0700E-1	30	100	<LOQ	Spirotetramat	8.9000E-2	30	3000	<LOQ
Fenpyroximate	1.3800E-1	30	2000	<LOQ	Spiroxamine	1.3100E-1	30	100	<LOQ
Fipronil	1.0700E-1	30	100	<LOQ	Tebuconazole	6.7000E-2	30	1000	<LOQ
Fonicamid	5.1700E-1	30	2000	<LOQ	Thiacloprid	6.4000E-2	30	100	<LOQ
Fludioxonil	1.7400E+0	30	3000	<LOQ	Thiamethoxam	5.0000E-2	30	1000	<LOQ
Hexythiazox	4.9000E-2	30	2000	<LOQ	Trifloxystrobin	3.7000E-2	30	3000	<LOQ

Passed
SOP13.007
(LCMS/GCMS)



Pathogenic SAE (qPCR)

Specimen Weight: 275.850 mg

Dilution Factor: 1.000

Analyte	Action Level (cfu/g)	Result (cfu/g)	Analyte	Action Level (cfu/g)	Result (cfu/g)
Aspergillus (Flavus, Fumigatus, Niger, Terreus)	1	Absence in 1g	Salmonella	1	Absence in 1g
E.Coli	1	Absence in 1g			

Passed
SOP13.029
(qPCR)



Listeria Monocytogenes

Specimen Weight: 987.400 mg

Dilution Factor: 1.000

Analyte	Action Level (cfu/g)	Result
Listeria Monocytogenes	1	Absence in 1g

Passed
SOP13.032
(qPCR)



Moisture

Specimen Weight: N/A Dilution Factor: 1.000

Analyte	Action Level (%)	Result (%)
Moisture	15	8.250

Tested
SOP13.015
(Moisture Meter)



Mycotoxins

Specimen Weight: 261.920 mg

Dilution Factor: 5.730

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	3.0400E-1	6	20	<LOQ	Aflatoxin G2	2.7100E-1	6	20	<LOQ
Aflatoxin B2	7.7000E-2	6	20	<LOQ	Ochratoxin A	7.5400E-1	12	20	<LOQ
Aflatoxin G1	3.0400E-1	6	20	<LOQ					

Passed
SOP13.007 (LCMS)

Xueli Gao Lab Toxicologist
Ph.D., DABT

Aixia Sun Lab Director/Principal Scientist
D.H.Sc., M.Sc., B.Sc., MT (AAB)



Definitions and Abbreviations used in this report: Total Active CBD = CBD + (CBD-A * 0.877), *Total CBDV = CBDV + (CBDVA * 0.87), Total Active THC = THCA-A * 0.877 + Delta 9 THC, Total THC = THCV + (THCVA * 0.87), CBG Total = (CBGA * 0.877) + CBG, CBN Total = (CBNA * 0.877) + CBN, Total CBC = CBC + (CBCA * 0.877), Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate, Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids in the summary section, Total Detected Cannabinoids = Delta6a10a-THC + Delta8-THC + Total CBN + CBT + Delta8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBDV + Delta10-THC + Total THC-O-Acetate. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram (cfu/g) = Colony Forming Unit per Gram, , LOD = Limit of Detection, (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram, *Measurement of Uncertainty = +/- 10%

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard.



DEA No. RA0571996
FL License # CMTL-0003
CLIA No. 10D1094068

Certificate of Analysis

Compliance Test

KMS AG CONSULTING
34081 EXCOR RD BUILDING A
EUGENE, OREGON 97405

Batch # PPQ142023
Batch Date: 2023-01-04
Extracted From: Industrial Hemp

Sampling Method: MSP 7.3.1
Test Reg State: Oregon

Production Facility: USA
Production Date: 2023-01-04

Order # KMS230104-150001
Order Date: 2023-01-04
Sample # AADY050

Sampling Date: 2023-01-06
Lab Batch Date: 2023-01-06
Completion Date: 2023-01-12

Initial Gross Weight: 20.680 g

Residual Solvents - FL (CBD)

Specimen Weight: 11.900 mg

Passed
SOP13.039 (GCMS)

Dilution Factor: 1.000

Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,1-Dichloroethene	0.0094	0.16	8	<LOQ	Heptane	0.0013	1.39	5000	<LOQ
1,2-Dichloroethane	0.0003	0.04	5	<LOQ	Hexane	0.068	1.17	290	<LOQ
Acetone	0.015	2.08	5000	<LOQ	Isopropyl alcohol	0.0048	1.39	500	<LOQ
Acetonitrile	0.06	1.17	410	<LOQ	Methanol	0.0005	0.69	3000	<LOQ
Benzene	0.0002	0.02	2	<LOQ	Methylene chloride	0.0029	2.43	600	<LOQ
Butanes	0.4167	2.5	2000	<LOQ	Pentane	0.037	2.08	5000	<LOQ
Chloroform	0.0001	0.04	60	<LOQ	Propane	0.031	5.83	2100	<LOQ
Ethanol	0.0021	2.78	5000	<LOQ	Toluene	0.0009	2.92	890	<LOQ
Ethyl Acetate	0.0012	1.11	5000	<LOQ	Total Xylenes	0.0001	2.92	2170	<LOQ
Ethyl Ether	0.0049	1.39	5000	<LOQ	Trichloroethylene	0.0014	0.49	80	<LOQ
Ethylene Oxide	0.0038	0.1	5	<LOQ					

Heavy Metals

Specimen Weight: 254.410 mg

Passed
SOP13.048 (ICP-MS)

Dilution Factor: 196

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	4.83	100	1500	111.000	Lead (Pb)	11.76	100	500	221.000
Cadmium (Cd)	.64	100	500	168.000	Mercury (Hg)	.58	100	3000	<LOQ

Xueli Gao
Xueli Gao Lab Toxicologist
Ph.D., DABT

Aixia Sun
Aixia Sun Lab Director/Principal Scientist
D.H.Sc., M.Sc., B.Sc., MT (AAB)



Definitions and Abbreviations used in this report: Total Active CBD = CBD + (CBD-A * 0.877), *Total CBDV = CBDV + (CBDVA * 0.87), Total Active THC = THCA-A * 0.877 + Delta 9 THC, Total THC = THC + (THCVA * 0.87), CBG Total = (CBGA * 0.877) + CBG, CBN Total = (CBNA * 0.877) + CBN, Total CBC = CBC + (CBCA * 0.877), Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate, Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, Total Detected Cannabinoids = Delta6a10a-THC + Delta8-THC + Total CBN + CBT + Delta8-THCV + Total CBG + Total CBD + Total THC + CBL + Total THC + Total CBC + Total CBDV + Delta10-THC + Total THC-O-Acetate. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram (cfu/g) = Colony Forming Unit per Gram, LOD = Limit of Detection, (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram, *Measurement of Uncertainty = +/- 10%

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard.