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Certificate of Analysis

Final

Date Released: 8/3/2026 3:10:19PM

Report #: 154277

Berkshire Gold Vape Cartridge - 1.0g (510)

Sample #: 209928, **Weight:** 7.07g, **Unit Count:**
Order #: X260729-0001
Category/Type: Concentrates & Vapes, Vape Cartridge
Date Collected: 7/29/2026 7:11:09AM
Date Received: 7/29/2026 2:20:59PM
Date Analyzed: 8/3/2026 3:04:33PM
METRC Sample ID: 1A40A0300003779000134122
METRC Source Package ID:
1A40A0300003779000136095
METRC Batch ID: FMA-BERKSH-1G-260727

Total Cannabinoids	Total THC	Total CBD	Heavy Metals	Microbials	Residual Solvents
93.35611 %	89.52571 %	0.00000 %	PASS	PASS	PASS

Mycotoxins	Vitamin E Acetate
PASS	PASS

Cannabinoids

Total Cannabinoids: 93.35611 %
Total THC: 89.52571 %
Total CBD: 0.00000 %

Date Completed: 08/03/2026 9:19AM
Analyst ID: B123385

Compound	CAS#	LOD (%)	LOQ (%)	%	mg/g
d9-THC	1972-08-3	.1238	.4	89.52571	895.25714
CBG	25654-31-3	.1687	.4	2.56526	25.65257
CBC	20675-51-8	.1753	.4	0.78834	7.88343
THCV	31262-37-0	.1298	.4	0.47680	4.76800
THCa	23978-85-0	.1	.4	ND	ND
d8-THC	5957-75-5	.1822	.4	ND	ND
CBD	13956-29-1	.1892	.4	<LOQ	<LOQ
CBDa	1244-58-2	.1278	.4	ND	ND
CBN	521-35-7	.1875	.4	<LOQ	<LOQ
CBGA	25555-57-1	.1353	.4	ND	ND
CBDV	24274-48-4	.1227	.4	ND	ND
THCVa	39986-26-0	.1674	.4	ND	ND

Relative Concentration



All data contained in this report has been reviewed for accuracy to ensure all quality control requirements are met and conform with ISO/IEC 17025:2017.
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Green Valley ANALYTICS

PJLA Testing Accreditation #113890

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Ross Franklin, Lab Director
8/3/2026 4:16:07PM

Report Generated On: 08/03/2026 4:16:09PM

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Sample #: 209928 **Berkshire Gold Vape Cartridge - 1.0g (510)**

Test Comment: Total THC = (THCa * 0.877) + d9THC
Total Cannabionids = Addition of all cannabionoids with no multiplier
Total CBD = (CBDa * 0.877) + CBD
Analytical Method: HPLC Lab SOP: L-012 Cannabinoids

Vitamin E Acetate

Pass

Date Completed: 08/03/2026 3:04PM
Analyst ID: B125893

Compound	LOD (mg/g)	LOQ (mg/g)	Limits (mg/g)	Result (mg/g)	Status
Vitamin E Acetate	0.0103	0.05	0.05	ND	Pass

Comment: Analytical Method: HPLC Lab SOP L-018 Vitamin E Acetate

Residual Solvents

Pass

Date Completed: 08/03/2026 7:25AM
Analyst ID: B156623

Compound	LOD (ppm)	LOQ (ppm)	Limits (ppm)	Result (ppm)	Status
Acetone	18.721	56.162	5000	ND	Pass
Butane	2.11	6.6667	12	ND	Pass
Ethanol	136.6999	410.0998	5000	ND	Pass
Isobutane	2.5540	6.6667	12	ND	Pass
Isopropyl Alcohol	66	200	5000	ND	Pass
Pentane	19.288	57.864	5000	ND	Pass
Propane	2.8051	6.6667	12	ND	Pass

Comment: Analytical Method: GC-MS Lab SOP: L-016 Residual Solvents
****Pentane & Isopropyl Alcohol is not part of ISO17025 scope****

Mycotoxins

Pass

Date Completed: 07/31/2026 8:44AM
Analyst ID: B159506

Compound	LOD (ppb)	LOQ (ppb)	Limits (ppb)	Result (ppb)	Status
AflatoxinB1	1.6499	4.9499	20	ND	Pass

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Sample #: 209928 **Berkshire Gold Vape Cartridge - 1.0g (510)**

Mycotoxins

Pass

Date Completed: 07/31/2026 8:44AM

Analyst ID: B159506

Compound	LOD (ppb)	LOQ (ppb)	Limits (ppb)	Result (ppb)	Status
AflatoxinB2	2.2521	6.7564	20	ND	Pass
AflatoxinG1	0.9461	2.8380	20	ND	Pass
AflatoxinG2	3.8346	11.5039	20	ND	Pass
OchratoxinA	2.5487	7.6462	20	ND	Pass
TotalAflatoxins				0	Pass

Comment: Analytical Method: LCMS/MS Lab SOP: L-014 Pesticides & Mycotoxins

Metals

Pass

Date Completed: 07/30/2026 3:16PM

Analyst ID: B123385

Compound	LOD (µg/kg)	LOQ (µg/kg)	Limits (µg/kg)	Result (µg/kg)	Status
Arsenic	28.73	86.21	200	ND	Pass
Cadmium	21.74	83.33	200	ND	Pass
Lead	23.58	83.33	500	ND	Pass
Mercury	23.62	70.84	100	ND	Pass

Comment: Analytical Method: ICP-MS Lab SOP: L-015 Metals

Microbials Count/Qualitative

Pass

Date Completed: 08/03/2026 12:00PM

Analyst ID: B143512

Compound	LOD (CFU/g)	LOQ (CFU/g)	Limits (CFU/g)	Result (CFU/g)	Status
Bile-Tolerant Gram Negative Bacteria		100	100	<LOQ	Pass
Salmonella Qualitative				Not Detected	Pass
STEC Qualitative				Not Detected	Pass
Total Aerobic Bacteria		100	10000	<LOQ	Pass
Total Coliforms		100	100	<LOQ	Pass

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Sample #: 209928

Berkshire Gold Vape Cartridge - 1.0g (510)

Microbials Count/Qualitative

Pass

Date Completed: 08/03/2026 12:00PM

Analyst ID: B143512

Compound	LOD (CFU/g)	LOQ (CFU/g)	Limits (CFU/g)	Result (CFU/g)	Status
Yeast & Mold		100	1000	<LOQ	Pass

Comment: Analytical Method: PCR Lab SOP: L-017 Microbiological Analysis of STEC & Salmonella in Marajuana via PCR
Analytical Method: Plating Lab SOP: L-024 Microbiological Contaminants Analysis via 3M Petrifilm Plates

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