11455 Pearl St Northglenn, CO 80233 (303) 296-0264

MURRAY-BROWN LABORATORIES, INC.
Beyond the Raw Data

Certificate of Analysis for

Hybrid Confections, LLC
701 Colorado Ave
Grand Junction, CO 81501-3514
Phone: (970) 242-1655

Received: 10/1/2026 @ 25.8 °C
Report ID: 2610076

Sample ID: 2610076-001 Cured Serenity Clementine LOT 2026-00961 Matrix: Hemp Edible Product

Analysis	Result	LOQ	LOD	Units	Analyzed	Analysis	Result	LOQ	LOD	Units	Analyzed
Cannabichromene (CBC)	<LOQ	0.600	0.240	mg/gummy	10/2/2026	Cannabicitran (CBT)	<LOD	0.600	0.240	mg/gummy	10/2/2026
Cannabidiol (CBD)	17.7	0.300	0.120	mg/gummy	10/2/2026	Cannabidiolic Acid (CBDA)	<LOD	0.300	0.120	mg/gummy	10/2/2026
Cannabidivarin (CBDV)	<LOD	0.300	0.120	mg/gummy	10/2/2026	Cannabigerol (CBG)	1.10	0.300	0.120	mg/gummy	10/2/2026
Cannabinol (CBN)	<LOD	0.300	0.120	mg/gummy	10/2/2026	Delta - 9 THC (THC)	1.06	0.300	0.120	mg/gummy	10/2/2026
Delta 9 - Tetrahydrocannabinolic Acid (THCA-A)	<LOD	0.300	0.120	mg/gummy	10/2/2026	Potential CBD	0.590	0.0100	0.00400	%	10/2/2026
Potential THC	0.0350	0.0100	0.00400	%	10/2/2026	Tetrahydrocannabivarin (THCV)	<LOD	0.300	0.120	mg/gummy	10/2/2026

Method: Cannabinoids via MBL-HPLC2

Analysis	Result	LOQ	LOD	Units	Analyzed	Analysis	Result	LOQ	LOD	Units	Analyzed
Escherichia coli	<LOD	10	10	CFU/g	10/6/2026	**Method: EC by mass via AOAC OM 2018.13 (Petrifilm™)**					

Analysis	Result	LOQ	LOD	Units	Analyzed	Analysis	Result	LOQ	LOD	Units	Analyzed
Aerobic Plate Count	<LOD	10	10	CFU/g	10/6/2026	**Method: AC by mass via AOAC 2015.13 (Petrifilm™) CDPHE Compliant**					

Analysis	Result	LOQ	LOD	Units	Analyzed	Analysis	Result	LOQ	LOD	Units	Analyzed
Total Coliform Bacteria	<LOD	10	10	CFU/g	10/6/2026	**Method: CC by mass via AOAC OM 2018.13 (Petrifilm™) CDPHE Compliant**					

Analysis	Result	LOQ	LOD	Units	Analyzed	Analysis	Result	LOQ	LOD	Units	Analyzed
Salmonella spp.	Absent	1	1	CFU/25 g	10/6/2026	Shiga toxin-producing E. coli (stx)	Absent	1	1	CFU/25 g	10/6/2026

Method: STEC Salmonella via AOAC PTM 092101 CDPHE Compliant

Analysis	Result	LOQ	LOD	Units	Analyzed	Analysis	Result	LOQ	LOD	Units	Analyzed
Arsenic (As)	<LOD	0.0200	0.00510	mg/kg (ppm)	10/6/2026	Cadmium (Cd)	<LOD	0.0100	0.00510	mg/kg (ppm)	10/6/2026
Lead (Pb)	<LOQ	0.00500	0.00170	mg/kg (ppm)	10/6/2026	Mercury (Hg)	<LOD	0.00500	0.00180	mg/kg (ppm)	10/6/2026

Method: Metals via ICP-MS (AOAC SMPR® 2020.001) CDPHE Compliant

Analysis	Result	LOQ	LOD	Units	Analyzed	Analysis	Result	LOQ	LOD	Units	Analyzed
Endosulfan-alpha	<LOD	100	25.0	µg/kg (ppb)	10/7/2026	Endosulfan-beta	<LOD	100	25.0	µg/kg (ppb)	10/7/2026
Etridiazole	<LOD	150	37.5	µg/kg (ppb)	10/7/2026	Fenvalerate	<LOD	100	25.0	µg/kg (ppb)	10/7/2026
Kinoprene	<LOD	500	125	µg/kg (ppb)	10/7/2026	Methyl Parathion	<LOD	50.0	12.5	µg/kg (ppb)	10/7/2026
Quintozene	<LOD	50.0	12.5	µg/kg (ppb)	10/7/2026	**Method: Pesticides by GC-MS/MS via Agilent Application Note 5994-0429EN (Modified)**					

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Analysis	Result	LOQ	LOD	Units	Analyzed	Analysis	Result	LOQ	LOD	Units	Analyzed
Abamectin	<LOD	25.0	6.25	µg/kg (ppb)	10/7/2026	Acephate	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026
Acequinocyl	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026	Acetamiprid	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026
Aldicarb	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026	Allethrin	<LOD	50.0	20.0	µg/kg (ppb)	10/7/2026
Atrazine	<LOD	25.0	6.25	µg/kg (ppb)	10/7/2026	Azadirachtin	<LOD	25.0	5.00	µg/kg (ppb)	10/7/2026
Azoxystrobin	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026	Benzovindiflupyr	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026
Bifenazate	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026	Bifenthrin	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026
Boscalid	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026	Buprofezin	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026
Carbaryl	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026	Carbofuran	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026
Chlorantraniliprole	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026	Chlorfenapyr	<LOD	50.0	20.0	µg/kg (ppb)	10/7/2026
Chlorpyrifos	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026	Clofentezine	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026
Clothianidin	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026	Coumaphos	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026
Cyantraniliprole	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026	Cyfluthrin	<LOD	50.0	20.0	µg/kg (ppb)	10/7/2026
Cypermethrin	<LOD	25.0	10.0	µg/kg (ppb)	10/7/2026	Cyprodinil	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026
Daminozide	<LOD	25.0	10.0	µg/kg (ppb)	10/7/2026	Deltamethrin	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026
Diazinon	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026	Dichlorvos	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026
Dimethoate	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026	Dimethomorph	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026
Dinotefuran	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026	Diuron	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026
Dodemorph	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026	Endosulfan sulfate	<LOD	50.0	20.0	µg/kg (ppb)	10/7/2026
Ethoprophos	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026	Etofenprox	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026
Etoxazole	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026	Fenhexamid	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026
Fenoxycarb	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026	Fenpyroximate	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026
Fensulfothion	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026	Fenthion	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026
Fipronil	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026	Flonicamid	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026
Fludioxonil	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026	Fluopyram	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026
Hexythiazox	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026	Imazalil	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026
Imidacloprid	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026	Iprodione	<LOD	100	25.0	µg/kg (ppb)	10/7/2026
Kresoxim-methyl	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026	Lambda-cyhalothrin	<LOD	25.0	6.25	µg/kg (ppb)	10/7/2026
Malathion	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026	Metalaxyl	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026
Methiocarb	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026	Methomyl	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026
Methoprene	<LOD	500	200	µg/kg (ppb)	10/7/2026	Mevinphos	<LOD	25.0	10.0	µg/kg (ppb)	10/7/2026
MGK-264	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026	Myclobutanil	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026
Naled	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026	Novaluron	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026
Oxamyl	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026	Paclobutrazol	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026
Permethrin	<LOD	25.0	10.0	µg/kg (ppb)	10/7/2026	Phenothrin	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026
Phosmet	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026	Piperonyl Butoxide	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026
Pirimicarb	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026	Prallethrin	<LOD	25.0	10.0	µg/kg (ppb)	10/7/2026
Propiconazole	<LOD	25.0	5.00	µg/kg (ppb)	10/7/2026	Propoxur	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026
Pyraclostrobin	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026	Pyrethrins	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026
Pyridaben	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026	Pyriproxyfen	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026
Resmethrin	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026	Spinetoram	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026
Spinosad	<LOD	50.0	10.0	µg/kg (ppb)	10/7/2026	Spirodiclofen	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026
Spiromesifen	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026	Spirotetramat	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026
Spiroxamine	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026	Tebuconazole	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026
Tebufenozide	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026	Teflubenzuron	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026
Tetrachlorvinphos	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026	Tetramethrin	<LOD	50.0	20.0	µg/kg (ppb)	10/7/2026
Thiabendazole	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026	Thiacloprid	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026
Thiamethoxam	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026	Thiophanate-methyl	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026
Trifloxystrobin	<LOD	10.0	3.33	µg/kg (ppb)	10/7/2026	**Method: Pesticides by LC-MS/MS via Agilent Application Note 5994-0429EN (Modified)**					

Analysis	Result	LOQ	LOD	Units	Analyzed	Analysis	Result	LOQ	LOD	Units	Analyzed
Yeast and Mold	<LOD	10	10	CFU/g	10/6/2026	**Method: YM by mass via AOAC RI 121301 (Petrifilm™) CDPHE Compliant**					

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Analysis	Result	LOQ	LOD	Units	Analyzed	Analysis	Result	LOQ	LOD	Units	Analyzed
Aflatoxin B1	<LOD	10.0	2.50	µg/kg (ppb)	10/7/2026	Aflatoxin B2	<LOD	10.0	2.50	µg/kg (ppb)	10/7/2026
Aflatoxin G1	<LOD	10.0	2.50	µg/kg (ppb)	10/7/2026	Aflatoxin G2	<LOD	10.0	2.50	µg/kg (ppb)	10/7/2026
Ochratoxin A	<LOD	20.0	5.00	µg/kg (ppb)	10/7/2026	**Method: Mycotoxins by LC-MS/MS**					

Analysis	Result	LOQ	LOD	Units	Analyzed	Analysis	Result	LOQ	LOD	Units	Analyzed
(+/-)-2-Butanol	<LOD	10.0	2.50	mg/kg (ppm)	10/5/2026	1,1-Dichloroethene	<LOD	5.00	1.00	mg/kg (ppm)	10/5/2026
1,2-Dichloroethane	<LOD	1.00	0.500	mg/kg (ppm)	10/5/2026	1,2-Dimethoxyethane	<LOD	10.0	2.50	mg/kg (ppm)	10/5/2026
1,4-Dioxane	<LOD	25.0	5.00	mg/kg (ppm)	10/5/2026	1-Butanol	<LOD	50.0	10.0	mg/kg (ppm)	10/5/2026
1-Pentanol	<LOD	100	25.0	mg/kg (ppm)	10/5/2026	1-Propanol	<LOD	100	25.0	mg/kg (ppm)	10/5/2026
2,2-Dimethylbutane	<LOD	25.0	5.00	mg/kg (ppm)	10/5/2026	2,3-Dimethylbutane	<LOD	25.0	5.00	mg/kg (ppm)	10/5/2026
2-Ethoxyethanol	<LOD	25.0	5.00	mg/kg (ppm)	10/5/2026	2-Methoxyethanol	<LOD	50.0	10.0	mg/kg (ppm)	10/5/2026
2-Methyl-1-propanol	<LOD	100	25.0	mg/kg (ppm)	10/5/2026	2-Methylbutane (Isopentane)	<LOD	75.0	15.0	mg/kg (ppm)	10/5/2026
2-Methylpentane	<LOD	25.0	5.00	mg/kg (ppm)	10/5/2026	2-Propanol	<LOD	50.0	10.0	mg/kg (ppm)	10/5/2026
3-Methyl-1-Butanol	<LOD	100	25.0	mg/kg (ppm)	10/5/2026	3-Methylpentane	<LOD	25.0	5.00	mg/kg (ppm)	10/5/2026
Acetone	<LOD	50.0	10.0	mg/kg (ppm)	10/5/2026	Acetonitrile	<LOD	50.0	10.0	mg/kg (ppm)	10/5/2026
Anisole	<LOD	50.0	10.0	mg/kg (ppm)	10/5/2026	Benzene	<LOD	0.500	0.250	mg/kg (ppm)	10/5/2026
Butyl Acetate	<LOD	50.0	10.0	mg/kg (ppm)	10/5/2026	Chloroform	<LOD	1.00	0.500	mg/kg (ppm)	10/5/2026
Cumene	<LOD	70.0	25.0	mg/kg (ppm)	10/5/2026	Cyclohexane	<LOD	50.0	10.0	mg/kg (ppm)	10/5/2026
Diethyl ether	<LOD	50.0	10.0	mg/kg (ppm)	10/5/2026	Ethanol	2,170	50.0	10.0	mg/kg (ppm)	10/5/2026
Ethyl Acetate	<LOD	50.0	10.0	mg/kg (ppm)	10/5/2026	Ethyl benzene	<LOD	25.0	5.00	mg/kg (ppm)	10/5/2026
Ethyl Ether	<LOD	100	25.0	mg/kg (ppm)	10/5/2026	Ethylene Glycol	<LOD	100	25.0	mg/kg (ppm)	10/5/2026
Ethylene Oxide	<LOD	1.00	0.500	mg/kg (ppm)	10/5/2026	Formamide	<LOD	50.0	10.0	mg/kg (ppm)	10/5/2026
Heptane	<LOD	50.0	10.0	mg/kg (ppm)	10/5/2026	Hexane	<LOD	2.00	0.500	mg/kg (ppm)	10/5/2026
Isobutane	<LOD	100	25.0	mg/kg (ppm)	10/5/2026	Isobutyl acetate	<LOD	50.0	10.0	mg/kg (ppm)	10/5/2026
Isopropyl acetate	<LOD	10.0	2.50	mg/kg (ppm)	10/5/2026	Methanol	<LOD	50.0	10.0	mg/kg (ppm)	10/5/2026
Methyl Acetate	<LOD	100	25.0	mg/kg (ppm)	10/5/2026	Methylbutyl Ketone	<LOD	25.0	5.00	mg/kg (ppm)	10/5/2026
Methylene Chloride	<LOD	1.00	0.500	mg/kg (ppm)	10/5/2026	Methylethyl Ketone	<LOD	50.0	10.0	mg/kg (ppm)	10/5/2026
Methylisobutyl Ketone	<LOD	100	25.0	mg/kg (ppm)	10/5/2026	N,N-Dimethylacetamide	<LOD	100	25.0	mg/kg (ppm)	10/5/2026
N,N-Dimethylformamide	<LOD	10.0	2.50	mg/kg (ppm)	10/5/2026	n-Butane	<LOD	100	25.0	mg/kg (ppm)	10/5/2026
Neopentane	<LOD	100	25.0	mg/kg (ppm)	10/5/2026	Nitromethane	<LOD	25.0	5.00	mg/kg (ppm)	10/5/2026
N-Methylpyrrolidone	<LOD	50.0	10.0	mg/kg (ppm)	10/5/2026	Pentane	<LOD	50.0	10.0	mg/kg (ppm)	10/5/2026
Propane	<LOD	100	25.0	mg/kg (ppm)	10/5/2026	Propyl Acetate	<LOD	50.0	10.0	mg/kg (ppm)	10/5/2026
Pyridine	<LOD	10.0	2.50	mg/kg (ppm)	10/5/2026	Sulfolane	<LOD	100	25.0	mg/kg (ppm)	10/5/2026
Tert-Butylmethyl Ether	<LOD	50.0	10.0	mg/kg (ppm)	10/5/2026	Tetrahydrofuran	<LOD	10.0	2.50	mg/kg (ppm)	10/5/2026
Tetralin	<LOD	10.0	2.50	mg/kg (ppm)	10/5/2026	Toluene	<LOD	1.00	0.500	mg/kg (ppm)	10/5/2026
Trichloroethene	<LOD	1.00	0.500	mg/kg (ppm)	10/5/2026	Xylenes (p-, m-, o-)	<LOD	40.0	10.0	mg/kg (ppm)	10/5/2026

Method: Residual Solvents by Headspace GC/MS

Gummy Mass (Provided by Client): 3 g

Riley M. Horner

Reported By Riley Horner, Microbiology Laboratory Manager, 10/9/2026

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