



# Certificate of Analysis for

Balanced Health Botanicals  
 1500 W Hampden Ave, Unit 5G  
 Sheridan, CO 80110



CDPHE: SHH2555

4260610 Isolate 50mg CBG Peach Mango Gummies Matrix: Hemp Edible Product

Received: 3/20/2026 @ 29.2 °C

Sample ID: 2603A49-001

Analysis	Result	LOQ	LOD	Units	Analyzed	Analysis	Result	LOQ	LOD	Units	Analyzed
Aspergillus flavus	Absent	1	1	CFU/1 g	3/24/2026	Aspergillus fumigatus	Absent	1	1	CFU/1 g	3/24/2026
Aspergillus niger	Absent	1	1	CFU/1 g	3/24/2026	Aspergillus terreus	Absent	1	1	CFU/1 g	3/24/2026

Method: Aspergillus via AOAC PTM 022103 (Gene-Up® PCR)

Analysis	Result	LOQ	LOD	Units	Analyzed	Analysis	Result	LOQ	LOD	Units	Analyzed
Water Activity	0.568	0.0001	0.0001	aW	3/26/2026 1:03:00 PM	Method: aW via AquaLab Tunable Diode Laser Methods					

Analysis	Result	LOQ	LOD	Units	Analyzed	Analysis	Result	LOQ	LOD	Units	Analyzed
Escherichia coli	<LOD	10	10	CFU/g	3/24/2026	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	3/24/2026	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	3/24/2026	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	3/24/2026	Shiga toxin-producing E. coli (stx)	Absent	1	1	CFU/25 g	3/24/2026

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)	3/24/2026	Cadmium (Cd)	<LOD	0.0100	0.00510	mg/kg (ppm)	3/24/2026
Lead (Pb)	0.00817	0.00500	0.00170	mg/kg (ppm)	3/24/2026	Mercury (Hg)	<LOD	0.00500	0.00180	mg/kg (ppm)	3/24/2026

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

Analysis	Result	LOQ	LOD	Units	Analyzed	Analysis	Result	LOQ	LOD	Units	Analyzed
Yeast and Mold	<LOD	10	10	CFU/g	3/24/2026	Method: YM by mass via AOAC RI 121301 (Petrifilm™) CDPHE Compliant					

Analysis	Result	LOQ	LOD	Units	Analyzed	Analysis	Result	LOQ	LOD	Units	Analyzed
Aflatoxin B1	<LOD	10.0	2.50	µg/kg (ppb)	3/25/2026	Aflatoxin B2	<LOD	10.0	2.50	µg/kg (ppb)	3/25/2026
Aflatoxin G1	<LOD	10.0	2.50	µg/kg (ppb)	3/25/2026	Aflatoxin G2	<LOD	10.0	2.50	µg/kg (ppb)	3/25/2026
Ochratoxin A	<LOD	20.0	5.00	µg/kg (ppb)	3/25/2026	Method: Mycotoxins by LC-MS					



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Abamectin	<LOD	25.0	10.0	µg/kg (ppb)	3/25/2026	Accephate	<LOD	10.0	3.33	µg/kg (ppb)	3/25/2026
Acequinocyl	<LOD	10.0	3.33	µg/kg (ppb)	3/25/2026	Acetamiprid	<LOD	10.0	3.33	µg/kg (ppb)	3/25/2026
Aldicarb	<LOD	10.0	3.33	µg/kg (ppb)	3/25/2026	Azoxystrobin	<LOD	10.0	3.33	µg/kg (ppb)	3/25/2026
Bifenazate	<LOD	10.0	3.33	µg/kg (ppb)	3/25/2026	Bifenthrin	<LOD	10.0	3.33	µg/kg (ppb)	3/25/2026
Boscalid	<LOD	10.0	3.33	µg/kg (ppb)	3/25/2026	Carbaryl	<LOD	10.0	3.33	µg/kg (ppb)	3/25/2026
Carbofuran	<LOD	10.0	3.33	µg/kg (ppb)	3/25/2026	Chlorantraniliprole	<LOD	10.0	3.33	µg/kg (ppb)	3/25/2026
Chlorfenapyr	<LOD	50.0	20.0	µg/kg (ppb)	3/25/2026	Chlorpyrifos	<LOD	10.0	3.33	µg/kg (ppb)	3/25/2026
Clofentzine	<LOD	10.0	3.33	µg/kg (ppb)	3/25/2026	Coumaphos	<LOD	10.0	3.33	µg/kg (ppb)	3/25/2026
Cyfluthrin	<LOD	50.0	20.0	µg/kg (ppb)	3/25/2026	Cypermethrin	<LOD	25.0	10.0	µg/kg (ppb)	3/25/2026
Daminozide	<LOD	25.0	10.0	µg/kg (ppb)	3/25/2026	Diazinon	<LOD	10.0	3.33	µg/kg (ppb)	3/25/2026
Dichlorvos	<LOD	10.0	3.33	µg/kg (ppb)	3/25/2026	Dimethoate	<LOD	10.0	3.33	µg/kg (ppb)	3/25/2026
Dimethomorph	<LOD	10.0	3.33	µg/kg (ppb)	3/25/2026	Ethoprophos	<LOD	10.0	3.33	µg/kg (ppb)	3/25/2026
Etofenprox	<LOD	10.0	3.33	µg/kg (ppb)	3/25/2026	Etoxazole	<LOD	10.0	3.33	µg/kg (ppb)	3/25/2026
Fenhexamid	<LOD	10.0	3.33	µg/kg (ppb)	3/25/2026	Fenoxycarb	<LOD	10.0	3.33	µg/kg (ppb)	3/25/2026
Fenpyroximate	<LOD	10.0	3.33	µg/kg (ppb)	3/25/2026	Fipronil	<LOD	10.0	3.33	µg/kg (ppb)	3/25/2026
Fonicamid	<LOD	10.0	3.33	µg/kg (ppb)	3/25/2026	Fludioxonil	<LOD	10.0	3.33	µg/kg (ppb)	3/25/2026
Hexythiazox	<LOD	10.0	3.33	µg/kg (ppb)	3/25/2026	Imazalil	<LOD	10.0	3.33	µg/kg (ppb)	3/25/2026
Imidacloprid	<LOD	10.0	3.33	µg/kg (ppb)	3/25/2026	Kresoxim-methyl	<LOD	10.0	3.33	µg/kg (ppb)	3/25/2026
Malathion	<LOD	10.0	3.33	µg/kg (ppb)	3/25/2026	Metalaxyl	<LOD	10.0	3.33	µg/kg (ppb)	3/25/2026
Methiocarb	<LOD	10.0	3.33	µg/kg (ppb)	3/25/2026	Methomyl	<LOD	10.0	3.33	µg/kg (ppb)	3/25/2026
Mevinphos	<LOD	50.0	10.0	µg/kg (ppb)	3/25/2026	Myclobutanil	<LOD	10.0	3.33	µg/kg (ppb)	3/25/2026
Naled	<LOD	10.0	3.33	µg/kg (ppb)	3/25/2026	Oxamyl	<LOD	10.0	3.33	µg/kg (ppb)	3/25/2026
Paclobutrazol	<LOD	10.0	3.33	µg/kg (ppb)	3/25/2026	Permethrin	<LOD	10.0	3.33	µg/kg (ppb)	3/25/2026
Phosmet	<LOD	25.0	2.50	µg/kg (ppb)	3/25/2026	Piperonyl Butoxide	<LOD	10.0	3.33	µg/kg (ppb)	3/25/2026
Prallethrin	<LOD	25.0	10.0	µg/kg (ppb)	3/25/2026	Propiconazole	<LOD	20.0	5.00	µg/kg (ppb)	3/25/2026
Propoxur	<LOD	10.0	3.33	µg/kg (ppb)	3/25/2026	Pyrethrins	<LOD	10.0	3.33	µg/kg (ppb)	3/25/2026
Pyridaben	<LOD	10.0	3.33	µg/kg (ppb)	3/25/2026	Spinetoram	<LOD	10.0	3.33	µg/kg (ppb)	3/25/2026
Spinosad A	<LOD	10.0	3.33	µg/kg (ppb)	3/25/2026	Spinosad D	<LOD	10.0	3.33	µg/kg (ppb)	3/25/2026
Spiromesifen	<LOD	10.0	3.33	µg/kg (ppb)	3/25/2026	Spirotetramat	<LOD	10.0	3.33	µg/kg (ppb)	3/25/2026
Spiroxamine	<LOD	10.0	3.33	µg/kg (ppb)	3/25/2026	Tebuconazole	<LOD	10.0	3.33	µg/kg (ppb)	3/25/2026
Thiacloprid	<LOD	10.0	3.33	µg/kg (ppb)	3/25/2026	Thiamethoxam	<LOD	10.0	3.33	µg/kg (ppb)	3/25/2026
Trifloxystrobin	<LOD	10.0	3.33	µg/kg (ppb)	3/25/2026						

**Method: Pesticides by LC/MS/MS (Agilent App - Determination of Pesticides and Mycotoxins)**



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(+/-)-2-Butanol	<LOD	10.0	2.50	mg/kg (ppm)	3/24/2026	1,1-Dichloroethene	<LOD	5.00	1.00	mg/kg (ppm)	3/24/2026
1,2-Dichloroethane	<LOD	1.00	0.500	mg/kg (ppm)	3/24/2026	1,2-Dimethoxyethane	<LOD	10.0	2.50	mg/kg (ppm)	3/24/2026
1,4-Dioxane	<LOD	25.0	5.00	mg/kg (ppm)	3/24/2026	1-Butanol	<LOD	50.0	10.0	mg/kg (ppm)	3/24/2026
1-Pentanol	<LOD	100	25.0	mg/kg (ppm)	3/24/2026	1-Propanol	<LOD	100	25.0	mg/kg (ppm)	3/24/2026
2,2-Dimethylbutane	<LOD	25.0	5.00	mg/kg (ppm)	3/24/2026	2,3-Dimethylbutane	<LOD	25.0	5.00	mg/kg (ppm)	3/24/2026
2-Ethoxyethanol	<LOD	25.0	5.00	mg/kg (ppm)	3/24/2026	2-Methoxyethanol	<LOD	50.0	10.0	mg/kg (ppm)	3/24/2026
2-Methyl-1-propanol	<LOD	100	25.0	mg/kg (ppm)	3/24/2026	2-Methylbutane (Isopentane)	<LOD	75.0	15.0	mg/kg (ppm)	3/24/2026
2-Methylpentane	<LOD	25.0	5.00	mg/kg (ppm)	3/24/2026	2-Propanol	<LOD	50.0	10.0	mg/kg (ppm)	3/24/2026
3-Methyl-1-Butanol	<LOD	100	25.0	mg/kg (ppm)	3/24/2026	3-Methylpentane	<LOD	25.0	5.00	mg/kg (ppm)	3/24/2026
Acetone	<LOD	50.0	10.0	mg/kg (ppm)	3/24/2026	Acetonitrile	<LOD	50.0	10.0	mg/kg (ppm)	3/24/2026
Anisole	<LOD	50.0	10.0	mg/kg (ppm)	3/24/2026	Benzene	<LOD	0.500	0.250	mg/kg (ppm)	3/24/2026
Butyl Acetate	<LOD	50.0	10.0	mg/kg (ppm)	3/24/2026	Chloroform	<LOD	1.00	0.500	mg/kg (ppm)	3/24/2026
Cumene	<LOD	70.0	25.0	mg/kg (ppm)	3/24/2026	Cyclohexane	<LOD	50.0	10.0	mg/kg (ppm)	3/24/2026
Diethyl ether	<LOD	50.0	10.0	mg/kg (ppm)	3/24/2026	Ethanol	<LOD	50.0	10.0	mg/kg (ppm)	3/24/2026
Ethyl Acetate	<LOD	50.0	10.0	mg/kg (ppm)	3/24/2026	Ethyl benzene	<LOD	25.0	5.00	mg/kg (ppm)	3/24/2026
Ethyl Ether	<LOD	100	25.0	mg/kg (ppm)	3/24/2026	Ethylene Glycol	<LOD	100	25.0	mg/kg (ppm)	3/24/2026
Ethylene Oxide	<LOD	1.00	0.500	mg/kg (ppm)	3/24/2026	Formamide	<LOD	50.0	10.0	mg/kg (ppm)	3/24/2026
Heptane	<LOD	50.0	10.0	mg/kg (ppm)	3/24/2026	Hexane	<LOD	2.00	0.500	mg/kg (ppm)	3/24/2026
Isobutane	<LOD	100	25.0	mg/kg (ppm)	3/24/2026	Isobutyl acetate	<LOD	50.0	10.0	mg/kg (ppm)	3/24/2026
Isopropyl acetate	<LOD	10.0	2.50	mg/kg (ppm)	3/24/2026	Methanol	<LOD	50.0	10.0	mg/kg (ppm)	3/24/2026
Methyl Acetate	<LOD	100	25.0	mg/kg (ppm)	3/24/2026	Methylbutyl Ketone	<LOD	25.0	5.00	mg/kg (ppm)	3/24/2026
Methylene Chloride	<LOD	1.00	0.500	mg/kg (ppm)	3/24/2026	Methylethyl Ketone	<LOD	50.0	10.0	mg/kg (ppm)	3/24/2026
Methylisobutyl Ketone	<LOD	100	25.0	mg/kg (ppm)	3/24/2026	N,N-Dimethylacetamide	<LOD	100	25.0	mg/kg (ppm)	3/24/2026
N,N-Dimethylformamide	<LOD	10.0	2.50	mg/kg (ppm)	3/24/2026	n-Butane	<LOD	100	25.0	mg/kg (ppm)	3/24/2026
Neopentane	<LOD	100	25.0	mg/kg (ppm)	3/24/2026	Nitromethane	<LOD	25.0	5.00	mg/kg (ppm)	3/24/2026
N-Methylpyrrolidone	<LOD	50.0	10.0	mg/kg (ppm)	3/24/2026	Pentane	<LOD	50.0	10.0	mg/kg (ppm)	3/24/2026
Propane	<LOD	100	25.0	mg/kg (ppm)	3/24/2026	Propyl Acetate	<LOD	50.0	10.0	mg/kg (ppm)	3/24/2026
Pyridine	<LOD	10.0	2.50	mg/kg (ppm)	3/24/2026	Sulfolane	<LOD	100	25.0	mg/kg (ppm)	3/24/2026
Tert-Butylmethyl Ether	<LOD	50.0	10.0	mg/kg (ppm)	3/24/2026	Tetrahydrofuran	<LOD	10.0	2.50	mg/kg (ppm)	3/24/2026
Tetralin	<LOD	10.0	2.50	mg/kg (ppm)	3/24/2026	Toluene	<LOD	1.00	0.500	mg/kg (ppm)	3/24/2026
Trichloroethene	<LOD	1.00	0.500	mg/kg (ppm)	3/24/2026	Xylenes (p-, m-, o-)	<LOD	40.0	10.0	mg/kg (ppm)	3/24/2026

Method: Residual Solvents by Headspace GC/MS (VF-624MS)

Analysis	Result	LOQ	LOD	Units	Analyzed	Analysis	Result	LOQ	LOD	Units	Analyzed
Staphylococcus aureus	<LOD	10	10	CFU/g	3/24/2026	<b>Method: S. aureus by mass via AOAC 2003.07, 2003.08, 2003.11 (Petrifilm™)</b>					

Reported By Jake S Hedges, Chemistry Laboratory Supervisor, 3/27/2026