

Prepared for:
HUMBLE BRANDS INC

1336 GUSDORF RD
TAOS, NM USA 87571

Broad-Spectrum Bergamot & Ginger Deodorant

Batch ID or Lot Number: 23062BGCBD	Test, Test ID and Methods: Various	Matrix: Concentrate	Page 1 of 5
Reported: 14Mar2023	Started: 14Mar2023	Received: 09Mar2023	


Residual Solvents


Test ID: T000237817

Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	88 - 1756	ND	
Butanes (Isobutane, n-Butane)	175 - 3497	ND	
Methanol	54 - 1087	ND	
Pentane	91 - 1819	ND	
Ethanol	92 - 1848	ND	
Acetone	92 - 1834	ND	
Isopropyl Alcohol	95 - 1901	ND	
Hexane	5 - 108	ND	
Ethyl Acetate	91 - 1825	ND	
Benzene	0.2 - 3.8	ND	
Heptanes	93 - 1864	ND	
Toluene	16 - 328	ND	
Xylenes (m,p,o-Xylenes)	123 - 2454	ND	

Final Approval


PREPARED BY / DATE
Sam Smith
14Mar2023
05:19:00 PM MDT


APPROVED BY / DATE
Karen Winternheimer
14Mar2023
05:23:00 PM MDT

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Cannabinoids

Test ID: T000237813


Methods: TM14 (HPLC-DAD)

	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.018	0.058	ND	ND	
Cannabichromenic Acid (CBCA)	0.017	0.053	ND	ND	
Cannabidiol (CBD)	0.062	0.172	0.340	3.40	
Cannabidiolic Acid (CBDA)	0.063	0.176	ND	ND	
Cannabidivarin (CBDV)	0.015	0.041	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.026	0.074	ND	ND	
Cannabigerol (CBG)	0.010	0.033	ND	ND	
Cannabigerolic Acid (CBGA)	0.044	0.137	ND	ND	
Cannabinol (CBN)	0.014	0.043	ND	ND	
Cannabinolic Acid (CBNA)	0.030	0.093	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.052	0.163	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.047	0.148	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.042	0.131	ND	ND	
Tetrahydrocannabivarin (THCV)	0.009	0.030	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.037	0.116	ND	ND	
Total Cannabinoids			0.340	3.40	
Total Potential THC			ND	ND	
Total Potential CBD			0.340	3.40	

Final Approval

 Sam Smith
14Mar2023
01:52:00 PM MDT

PREPARED BY / DATE

 Karen Winternheimer
14Mar2023
01:55:00 PM MDT

APPROVED BY / DATE


Heavy Metals

Test ID: T000237816


Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.37	ND	
Cadmium	0.04 - 4.41	ND	
Mercury	0.04 - 4.03	ND	
Lead	0.04 - 4.32	ND	

Final Approval

 Sam Smith
14Mar2023
02:41:00 PM MDT

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 Karen Winternheimer
14Mar2023
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Prepared for:
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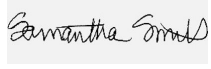
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Mycotoxins

Test ID: T000237818
Methods: TM18 (UHPLC-QQQ)
LCMS/MS): Mycotoxins

	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	3.07 - 140.99	ND	N/A
Aflatoxin B1	0.99 - 34.70	ND	
Aflatoxin B2	1.09 - 34.67	ND	
Aflatoxin G1	1.05 - 34.57	ND	
Aflatoxin G2	1.22 - 34.90	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Final Approval


Samantha Smith
16Mar2023
07:42:00 AM MDT
PREPARED BY / DATE



Karen Winternheimer
16Mar2023
07:51:00 AM MDT
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Microbial Contaminants

Test ID: T000237815
Methods: TM25 (PCR) TM24, TM26,
TM27 (Culture Plating)

	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10 ⁰ CFU/25g	NA	Absent	Free from visual mold, mildew, and foreign matter
Salmonella	TM25: PCR	10 ⁰ CFU/25g	NA	Absent	
Total Yeast and Mold*	TM24: Culture Plating	10 ¹ CFU/g	1.0x10 ² - 1.5x10 ⁴	None Detected	
Total Aerobic Count*	TM26: Culture Plating	10 ² CFU/g	1.0x10 ³ - 1.5x10 ⁵	None Detected	
Total Coliforms*	TM27: Culture Plating	10 ¹ CFU/g	1.0x10 ² - 1.5x10 ⁴	None Detected	

Final Approval


Brett Hudson
16Mar2023
04:05:00 PM MDT
PREPARED BY / DATE


Eden Thompson-Wright
16Mar2023
04:13:00 PM MDT
APPROVED BY / DATE

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Pesticides


Test ID: T000237814

Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)	
Abamectin	346 - 2771	ND		Malathion	302 - 2721	ND
Acephate	43 - 2762	ND		Metalaxyl	47 - 2729	ND
Acetamiprid	42 - 2731	ND		Methiocarb	44 - 2780	ND
Azoxystrobin	45 - 2755	ND		Methomyl	41 - 2736	ND
Bifenazate	47 - 2752	ND		MGK 264 1	168 - 1665	ND
Boscalid	40 - 2797	ND		MGK 264 2	119 - 1123	ND
Carbaryl	43 - 2752	ND		Myclobutanil	51 - 2791	ND
Carbofuran	43 - 2748	ND		Naled	48 - 2751	ND
Chlorantraniliprole	44 - 2821	ND		Oxamyl	42 - 2737	ND
Chlorpyrifos	46 - 2751	ND		Paclobutrazol	43 - 2747	ND
Clofentezine	279 - 2777	ND		Permethrin	273 - 2805	ND
Diazinon	280 - 2744	ND		Phosmet	41 - 2737	ND
Dichlorvos	242 - 2766	ND		Prophos	306 - 2757	ND
Dimethoate	43 - 2719	ND		Propoxur	44 - 2744	ND
E-Fenpyroximate	285 - 2726	ND		Pyridaben	298 - 2741	ND
Etofenprox	45 - 2804	ND		Spinosad A	34 - 2266	ND
Etoazole	296 - 2715	ND		Spinosad D	51 - 495	ND
Fenoxycarb	44 - 2760	ND		Spiromesifen	287 - 2712	ND
Fipronil	50 - 2786	ND		Spirotetramat	273 - 2768	ND
Flonicamid	54 - 2797	ND		Spiroxamine 1	18 - 1190	ND
Fludioxonil	321 - 2737	ND		Spiroxamine 2	25 - 1568	ND
Hexythiazox	42 - 2718	ND		Tebuconazole	295 - 2754	ND
Imazalil	293 - 2758	ND		Thiacloprid	42 - 2730	ND
Imidacloprid	47 - 2711	ND		Thiamethoxam	43 - 2729	ND
Kresoxim-methyl	23 - 2792	ND		Trifloxystrobin	44 - 2761	ND

Final Approval


Karen Winternheimer
17Mar2023
07:43:00 AM MDT
PREPARED BY / DATE


Sam Smith
17Mar2023
07:45:00 AM MDT
APPROVED BY / DATE

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<https://results.botanacor.com/api/v1/coas/uiid/86c16bda-9127-4040-b8aa-e9f8850eff3a>

Definitions
 LOD = Limit of Detection, ULOQ = Upper Limit of Quantitation, LLOQ = Lower Limit of Quantitation, PPB = Parts per Billion, % = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method). Total Potential Delta 9-THC or CBD is calculated to take into account the loss of a carboxyl group during decarboxylation step, using the following formulas: Total Potential Delta 9-THC = Delta 9-THC + (Delta 9-THCa *(0.877)) and Total CBD = CBD + (CBDa *(0.877)). Fail equates to a concentration level of Delta 9-THC, on a dry weight basis, higher than 0.3 percent + or - the measurement uncertainty. Total Potential THC is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step. Total THC = THC + (THCa *(0.877)). ALOQ = Above Limit Of Quantitation (defined by dynamic range of the method), CFU/g = Colony Forming Units per Gram. Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form. Examples: 10² = 100 CFU, 10³ = 1,000 CFU, 10⁴ = 10,000 CFU, 10⁵ = 100,000 CFU.

Testing results are based solely upon the sample submitted to SC Laboratories, Inc., in the condition it was received. SC Laboratories, Inc., warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of SC Laboratories, Inc. ISO/IEC 17025:2017 Accredited by A2LA. Some tests listed on this COA may not be within our scope of A2LA accreditation. Please visit [A2LA for more details](#).



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