

Prepared For: Havi Consortium
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License: AU-G-C-001083

METRC ID: 1A405030003A662000001276

Report Created: 8/11/2025

CC ID: 2508NCTLMI1779.8643

Sample Received: 8/6/2025

LIMS ID: 70750

Item: Peanut Butter Breath Flower

METRC Batch: 1A405030003A662000001275

Strain: Peanut Butter Breath

Product Category: Buds

CANNABINOID PROFILE by HPLC / NCTLM SOP-504 / Date Tested - 08/07/2025

Analyte	LOQ %	Result mg/g	Result %
Cannabidiol (CBD)	0.02	ND	ND
Cannabidiol acid (CBDA)	0.02	0.49	0.05
Cannabigerolic acid (CBGA)	0.02	5.89	0.59
Cannabigerol (CBG)	0.02	0.44	0.04
Cannabidiol (CBD)	0.02	ND	ND
Tetrahydrocannabinol (THCV)	0.02	ND	ND
Cannabinol (CBN)	0.02	ND	ND
delta-9-Tetrahydrocannabinol (delta-9-THC)	0.02	0.65	0.06
delta-8-Tetrahydrocannabinol (delta-8-THC)	0.02	ND	ND
Cannabichromene (CBC)	0.02	ND	ND
Tetrahydrocannabinolic acid (THCA)	0.02	274.01	27.40
Total THC		240.96	24.10
Total CBD		0.43	0.04
Total Cannabinoids		281.48	28.15

28.15% Total Cannabinoids	Pass Chemical Residue	Pass Foreign Matter	Pass Heavy Metals	Not Tested Homogeneity	Pass Microbials
Not Tested Residual Solvents	1.534% Total Terpenes	Not Tested Vitamin E Acetate	Not Tested MCT Oil	0.4533 a_w Water Activity	Not Tested Conversion Oil

NOTES

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APPROVED BY:



Dave Arnold, Scientific Director

DATE APPROVED: 8/11/2025

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Chemical Residue

by LCMS / NCTLM SOP-502 / Date Tested - 08/07/2025
by LCMSAPCI / NCTLM SOP-519 / Date Tested - 08/07/2025

Analyte	LOQ	M.A.C. 420	Result	Status	Analyte	LOQ	M.A.C. 420	Result	Status
	ppm	ppm Limit	ppm			ppm	ppm Limit	ppm	
Abamectin	0.250	0.5	ND	Passed	Hexythiazox	0.500	1	ND	Passed
Acephate	0.200	0.4	ND	Passed	Imazalil	0.100	0.2	ND	Passed
Acequinocyl	1.000	2	ND	Passed	Imidacloprid	0.200	0.4	ND	Passed
Acetamiprid	0.100	0.2	ND	Passed	Kresoxim-methyl	0.200	0.4	ND	Passed
Aldicarb	0.200	0.4	ND	Passed	Malathion	0.100	0.2	ND	Passed
Azoxystrobin	0.100	0.2	ND	Passed	Metalaxyl	0.100	0.2	ND	Passed
Bifenazate	0.100	0.2	ND	Passed	Methiocarb	0.100	0.2	ND	Passed
Bifenthrin	0.100	0.2	ND	Passed	Methomyl	0.200	0.4	ND	Passed
Boscalid	0.200	0.4	ND	Passed	Methyl parathion	0.100	0.2	ND	Passed
Carbaryl	0.100	0.2	ND	Passed	MGK-264	0.100	0.2	ND	Passed
Carbofuran	0.100	0.2	ND	Passed	Myclobutanil	0.100	0.2	ND	Passed
Chlorantraniliprole	0.100	0.2	ND	Passed	Naled	0.250	0.5	ND	Passed
Chlorfenapyr	0.500	1	ND	Passed	Oxamyl	0.500	1	ND	Passed
Chlorpyrifos	0.100	0.2	ND	Passed	Paclobutrazol	0.200	0.4	ND	Passed
Clofentezine	0.100	0.2	ND	Passed	Permethrin*	0.100	0.2	ND	Passed
Cyfluthrin	0.500	1	ND	Passed	Phosmet	0.100	0.2	ND	Passed
Cypermethrin	0.500	1	ND	Passed	Prallethrin	0.100	0.2	ND	Passed
Daminozide	0.500	1	ND	Passed	Propiconazole	0.200	0.4	ND	Passed
DDVP (Dichlorvos)	0.500	1	ND	Passed	Propoxur	0.100	0.2	ND	Passed
Diazinon	0.100	0.2	ND	Passed	Pyrethrin**	0.500	1	ND	Passed
Dimethoate	0.100	0.2	ND	Passed	Pyridaben	0.100	0.2	ND	Passed
Ethoprophos	0.100	0.2	ND	Passed	Spinosad	0.100	0.2	ND	Passed
Etofenprox	0.200	0.4	ND	Passed	Spiromefesin	0.100	0.2	ND	Passed
Etoazole	0.100	0.2	ND	Passed	Spirotetramat	0.100	0.2	ND	Passed
Fenoxycarb	0.100	0.2	ND	Passed	Spiroxamine	0.200	0.4	ND	Passed
Fenpyroximate	0.200	0.4	ND	Passed	Tebuconazole	0.200	0.4	ND	Passed
Fipronil	0.200	0.4	ND	Passed	Thiacloprid	0.100	0.2	ND	Passed
Flonicamid	0.500	1	ND	Passed	Thiamethoxam	0.100	0.2	ND	Passed
Fludioxonil	0.200	0.4	ND	Passed	Trifloxystrobin	0.100	0.2	ND	Passed

NOTES

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Strain: Peanut Butter Breath

Product Category: Buds

Foreign Matter by Microscope / NCTLM SOP-500 / Date Tested - 08/07/2025

Analyte	M.A.C. 420 % Limit	Result %	Status
Inorganic Foreign Matter	ND	ND	Passed
Seeds and Stem Material	5	ND	Passed
Total Organic Matter	2	ND	Passed

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Product Category: Buds

Heavy Metals by ICPMS / NCTLM SOP-503 / Date Tested - 08/07/2025

Analyte	LOQ ppm	M.A.C. 420 ppm Limit	Result ppm	Status
Cadmium	0.191	0.4	ND	Passed
Inorganic Arsenic	0.191	0.4	ND	Passed
Lead	0.478	1	ND	Passed
Mercury	0.096	0.2	ND	Passed
Nickel	0.478	1	ND	Passed
Total Chromium	0.574	1.2	ND	Passed

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Product Category: Buds

Microbials by NCTLM SOP-516/524/526/531 / Date Tested - 08/06/2025

Analyte	LOQ	M.A.C. 420	Result	Status
	cfu/g	cfu/g Limit	cfu/g	
Total Yeast and Mold	100	100000	ND	Passed
Total Coliform	100	1000	ND	Passed
E. Coli (STEC)	n/a	ND	Negative	Passed
Pathogenic Salmonella spp	n/a	ND	Negative	Passed
Pathogenic Aspergillus*	n/a	ND	Negative	Passed

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Strain: Peanut Butter Breath

Product Category: Buds

Terpenes

by GCMS / NCTLM SOP-527 / Date Tested - 08/07/2025

Analyte	LOQ	Result	Result
	%	mg/g	%
Total Terpenes		15.341	1.534
beta-Caryophyllene ⁽²⁾	0.002	4.172	0.417
beta-Myrcene ⁽²⁾	0.002	3.147	0.315
delta-Limonene ⁽²⁾	0.002	2.386	0.239
alpha-Humulene ⁽²⁾	0.002	1.744	0.174
Ocimene (cis + trans) ⁽²⁾		0.667	0.067
alpha-Bisabolol ⁽²⁾	0.002	0.658	0.066
Linalool ⁽²⁾	0.002	0.503	0.050
beta-Pinene ⁽²⁾	0.005	0.495	0.050
trans-B-Farnesene ⁽²⁾	0.002	0.444	0.044
Fenchyl Alcohol ⁽²⁾	0.002	0.275	0.028
alpha-Pinene ⁽²⁾	0.002	0.270	0.027
alpha-Terpineol ⁽²⁾	0.002	0.260	0.026
Nerolidol (cis + trans) ⁽²⁾		0.091	0.009
Camphene ⁽²⁾	0.002	0.077	0.008
Borneol ⁽²⁾	0.005	0.066	0.007
Caryophyllene Oxide ⁽²⁾	0.002	0.061	0.006
Terpinolene ⁽²⁾	0.002	0.023	0.002
alpha-Cedrene ⁽²⁾	0.002	ND	ND
alpha-Terpinene ⁽²⁾	0.002	ND	ND
Cedrol ⁽²⁾	0.005	ND	ND
Eucalyptol ⁽²⁾	0.002	ND	ND
Fenchone ⁽²⁾	0.002	ND	ND
gamma-Terpinene ⁽²⁾	0.002	ND	ND
Geraniol ⁽²⁾	0.002	ND	ND
Geranyl Acetate ⁽²⁾	0.002	ND	ND

Analyte	LOQ	Result	Result
	%	mg/g	%
Guaiol ⁽²⁾	0.002	ND	ND
Isoborneol ⁽²⁾	0.002	ND	ND
Isopulegol ⁽²⁾	0.002	ND	ND
Menthol ⁽²⁾	0.002	ND	ND
Nerol ⁽²⁾	0.002	ND	ND
Pulegone ⁽²⁾	0.002	ND	ND
Sabinene Hydrate ⁽²⁾	0.002	ND	ND
Valencene ⁽²⁾	0.002	ND	ND
alpha-Thujone ⁽²⁾	0.002	ND	ND
Camphor ⁽²⁾	0.002	ND	ND
Carene ⁽²⁾	0.005	ND	ND
Carvacrol ⁽²⁾	0.005	ND	ND
Carvone ⁽²⁾	0.002	ND	ND
Citral (cis + trans) ⁽²⁾		ND	ND
Citronellol ⁽²⁾	0.005	ND	ND
Cymene (sum of isomers) ⁽²⁾		ND	ND
Isobornyl acetate ⁽²⁾	0.002	ND	ND
Menthone ⁽²⁾		ND	ND
Nootkatone ⁽²⁾	0.005	ND	ND
Octyl acetate ⁽²⁾	0.002	ND	ND
Phytane ⁽²⁾	0.002	ND	ND
Piperitone ⁽²⁾	0.002	ND	ND
Safranal ⁽²⁾	0.002	ND	ND
Terpinen-4-ol ⁽²⁾	0.002	ND	ND
Thymol ⁽²⁾	0.002	ND	ND
Verbenone ⁽²⁾	0.002	ND	ND

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Product Category: Buds

Water Activity by Water Activity Meter / NCTLM SOP-508 / Date Tested - 08/07/2025

Analyte	LOQ	M.A.C. 420	Result	Status
	Aw	Aw Limit	Aw	
Water Activity		0.65	0.4533	Passed



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