

Prepared for:
VLASIC LABS

1699 TRADITIONAL DR.
COMMERCE, MI USA 48390

Vlasic Peanut Butter- 2831824

Batch ID or Lot Number: 2831824	Test: Potency	Reported: 20Nov2024	USDA License: N/A
Matrix: Concentrate	Test ID: T000293955	Started: 18Nov2024	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD)	Received: 14Nov2024	Status: N/A

Cannabinoids

	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.002	0.005	ND	ND	
Cannabichromenic Acid (CBCA)	0.001	0.005	ND	ND	
Cannabidiol (CBD)	0.004	0.014	0.240	2.40	
Cannabidiolic Acid (CBDA)	0.004	0.015	ND	ND	
Cannabidivarin (CBDV)	0.001	0.003	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.002	0.006	ND	ND	
Cannabigerol (CBG)	0.001	0.003	ND	ND	
Cannabigerolic Acid (CBGA)	0.004	0.012	ND	ND	
Cannabinol (CBN)	0.001	0.004	ND	ND	
Cannabinolic Acid (CBNA)	0.003	0.008	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.005	0.015	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.004	0.013	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.004	0.012	ND	ND	
Tetrahydrocannabivarin (THCV)	0.001	0.003	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.003	0.010	ND	ND	
Total Cannabinoids			0.240	2.40	
Total Potential THC			ND	ND	
Total Potential CBD			0.240	2.40	

Final Approval


Sam Smith
20Nov2024
09:38:00 AM MST
PREPARED BY / DATE


Karen Winternheimer
20Nov2024
09:39:00 AM MST
APPROVED BY / DATE

<https://results.botanacor.com/api/v1/coas/uuid/30dc2c1b-dbae-47ad-88cd-1445e2d210a0>

Definitions
% = % (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)).

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 A2LA Cert #: 4329.02 Chemical; 4329.03 Biological.



Cert #4329.02

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Prepared for:

VLASIC LABS

1699 TRADITIONAL DR.
COMMERCE, MI USA 48390

Vlasic Peanut Butter- 2831824

Batch ID or Lot Number: 2831824	Test: Residual Solvents	Reported: 25Nov2024	USDA License: N/A
Matrix: Finished Product	Test ID: T000294274	Started: 25Nov2024	Sampler ID: N/A
	Method(s): TM04 (GC-MS): Residual Solvents	Received: 21Nov2024	Status: Active

Residual Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	88 - 1767	ND	
Butanes (Isobutane, n-Butane)	172 - 3432	ND	
Methanol	60 - 1209	ND	
Pentane	87 - 1746	ND	
Ethanol	91 - 1812	ND	
Acetone	96 - 1924	ND	
Isopropyl Alcohol	97 - 1949	ND	
Hexane	6 - 119	ND	
Ethyl Acetate	97 - 1946	ND	
Benzene	0.2 - 3.8	ND	
Heptanes	92 - 1843	ND	
Toluene	17 - 344	ND	
Xylenes (m,p,o-Xylenes)	117 - 2336	ND	

Final Approval


Judith Marquez
25Nov2024
03:19:00 PM MST

PREPARED BY / DATE


Sam Smith
25Nov2024
03:21:00 PM MST

APPROVED BY / DATE

<https://results.botanacor.com/api/v1/coas/uuid/a6d01914-510f-4869-84aa-08c575ee492e>

Definitions

ND = None Detected (defined by dynamic range of the method)
Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range

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Prepared for:
VLASIC LABS

1699 TRADITIONAL DR.
COMMERCE, MI USA 48390

Vlasic Peanut Butter- 2831824

Batch ID or Lot Number: 2831824	Test: Microbial Contaminants	Reported: 25Nov2024	USDA License: NA
Matrix: Finished Product	Test ID: T000294272	Started: 22Nov2024	Sampler ID: NA
	Method(s): TM25 (PCR) TM24, TM26, TM27 (Culture Plating)	Received: 21Nov2024	Status: NA

Microbial

Contaminants

	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10 ⁰ CFU/25g	NA	Absent	Free from visual mold, mildew, and foreign matter
<i>Salmonella</i>	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


Nora Langer
26Nov2024
05:02:00 PM MST


Brett Hudson
26Nov2024
06:23:00 PM MST

PREPARED BY / DATE

APPROVED BY / DATE

<https://results.botanacor.com/api/v1/coas/uuid/0c9fcf5c-b214-41a3-aeef-ba43c6b1a717>

Definitions

* 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
CFU/g = Colony Forming Units per Gram, LOD = Limit of Detection
ULOQ = Upper Limit of Quantitation, LLOQ = Lower Limit of Quantitation
STEC = Shiga Toxin-Producing E. coli

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Prepared for:

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COMMERCE, MI USA 48390

Vlasic Peanut Butter- 2831824

Batch ID or Lot Number: 2831824	Test: Heavy Metals	Reported: 22Nov2024	USDA License: NA
Matrix: Finished Product	Test ID: T000294273	Started: 22Nov2024	Sampler ID: NA
	Method(s): TM19 (ICP-MS): Heavy Metals	Received: 21Nov2024	Status: NA

Heavy Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.05 - 4.65	ND	
Cadmium	0.05 - 4.60	0.10	
Mercury	0.05 - 4.72	ND	
Lead	0.05 - 4.67	ND	

Final Approval


Judith Marquez
22Nov2024
01:35:00 PM MST

PREPARED BY / DATE


Sam Smith
22Nov2024
01:40:00 PM MST

APPROVED BY / DATE

<https://results.botanacor.com/api/v1/coas/uuid/87185ea5-0b92-41b7-be6b-5952efd2e839>

Definitions

ND = None Detected (defined by dynamic range of the method)
Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range

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