



Certificate of Analysis

Laboratory Sample ID: NA40723006-002



Production Method: Other - Not Listed
Batch#: BST5MA24189
Metric Source Package #: 1A40A0300000326000035371
METRC Package#: 1A40A0300000326000037348
Manifest #: 0002366478
Sample Size Received: 10 gram
Servings: 1
Ordered: 07/23/24
Sampled: 07/23/24
Completed: 07/26/24

Jul 26, 2024 | MassGrow - I906

10 Industrial Way
Amesbury, MA, 01913, US
License# : MP281300



PASSED

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SAFETY RESULTS

								
Pesticides NOT TESTED	Heavy Metals NOT TESTED	Microbials PASSED	Mycotoxins PASSED	Residuals Solvents NOT TESTED	Filtration NOT TESTED	Water Activity NOT TESTED	Moisture NOT TESTED	Miscellaneous NOT TESTED

Cannabinoid PASSED

	Total THC 0.7115% Total THC/Serving : 5.0275 mg		Total CBD 0.0014% Total CBD/Serving : 0.0099 mg		Total Cannabinoids 0.7640% Total Cannabinoids/Serving : 5.3984 mg
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	D9-THC	THCA	CBD	CBDA	CBG	CBN	CBDV	CBGA	THCV	THCVA	CBC	D8-THC
%	0.7101	0.0017	0.0014	ND	0.0341	0.0082	ND	ND	0.0032	ND	0.0053	ND
mg/g	7.101	0.017	0.014	ND	0.341	0.082	ND	ND	0.032	ND	0.053	ND
LOD	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
LOQ	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
%	%	%	%	%	%	%	%	%	%	%	%	%

Analyzed by: 875, 837, 987, 157, 795 Weight: 1.5062g Extraction date: 07/24/24 11:04:04 Extracted by: 735,875

Analysis Method : SOP.T.30.031, SOP.T.40.031
Analytical Batch : NA015168POT
Instrument Used : NA-HPLC-003 (Potency - MIPS and Low Conc. Derivatives) Reviewed On : 07/25/24 17:11:59
Analyzed Date : 07/24/24 13:02:09 Batch Date : 07/23/24 15:36:05

Dilution : 40
Reagent : 011024.04; 030921.69; 041924.10; 071824.R02; 072324.R01; 040224.04
Consumables : 112023CK01; 9291.203; 9479291.203; 120123CH01; 04309042; 1008855823; 1008755271; 210118R; 220215E-15; 0000179471; 327030230
Pipette : NA-021 (P-20); NA-017 (P-20); NA-020 (P-1000); 383166K

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection (HPLC-UV). (Method: SOP.T.30.031 for sample prep and Shimadzu High Sensitivity Method SOP.T.40.031 for analysis. LOQ for all cannabinoids is 0.5 mg/L). Total THC = d9THC + (THCA*0.877). Total CBD = CBD + (CBDA*0.877). Total Cannabinoids = Total of all available cannabinoids. THCva is pending ISO accreditation.

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Rene Schalk

Lab Director

State License # IL281349
ISO 17025 Accreditation # 97164



Signature
07/26/24



16 Tech Circle, Suite 201
Natick, MA, 01760, US
(301) 399-1403

Certificate of Analysis

PASSED

MassGrow - 1906



10 Industrial Way
Amesbury, MA, 01913, US
Telephone: (602) 459-5288
Email: rgriffin@nukafoods.com
License#: MP281300

Sample : NA40723006-002

Batch#: BST5MA24189
Sampled : 07/23/24
Ordered : 07/23/24

Sample Size Received : 10 gram
Completed : 07/26/24 Expires: 07/26/25
Sample Method : SOP Client Method

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 Microbial PASSED						 Mycotoxins PASSED						
Analyte	LOD	Units	Result	Pass / Fail	Action Level	Analyte	LOD	LOQ	Units	Result	Pass / Fail	Action Level
TOTAL COLIFORMS	10	cfu/g	ND	PASS	1000	AFLATOXIN B1	2.010	5.000	ppb	ND	PASS	20
TOTAL VIABLE AEROBIC BACTERIA	10	cfu/g	ND	PASS	100000	AFLATOXIN B2	1.955	5.000	ppb	ND	PASS	20
BILE TOLERANT GRAM NEGATIVE BACTERIA	10	cfu/g	ND	PASS	1000	AFLATOXIN G1	1.823	5.000	ppb	ND	PASS	20
TOTAL YEAST AND MOLD	100	cfu/g	ND	PASS	10000	AFLATOXIN G2	2.100	5.000	ppb	ND	PASS	20
ESCHERICHIA COLI SPECIFIC GENE			Not Present	PASS		OCHRATOXIN A	2.194	5.000	ppb	ND	PASS	20
SALMONELLA SPECIFIC GENE			Not Present	PASS		TOTAL AFLATOXINS	1.820	5.000	ppb	ND	PASS	20
Analyzed by: 711, 987, 157, 795 Weight: 1.1201g Extraction date: 07/24/24 08:40:25 Extracted by: 388,870 Analysis Method : SOP.T.40.056C, SOP.T.40.209.MA, SOP.T.40.206.MA Analytical Batch : NA015164MIC Instrument Used : NA-PCR-001 (Microbial) Analyzed Date : N/A Reviewed On : 07/25/24 17:02:02 Batch Date : 07/23/24 14:41:00						Analyzed by: 139, 280, 157, 795 Weight: 0.5125g Extraction date: 07/24/24 13:35:34 Extracted by: 735,953 Analysis Method : SOP.T.40.104.MA Analytical Batch : NA015179MYC Instrument Used : NA-LCMS-001 (MYC) Analyzed Date : 07/24/24 17:39:47 Reviewed On : 07/25/24 10:34:05 Batch Date : 07/24/24 07:58:40 Dilution : 12.5 Reagent : 072424.R02; 032524.17; 070924.R06; 070924.R07; 060922.01; 062524.R06; 072024.R07; 071124.R05; 062024.R07 Consumables : 9291.203; 9479291.203; 240321-634-A; 04309042; USEEN01930; 1008855823; 1009097331; GD230004; 327030230; 23-47; USEEZ03656 Pipette : NA-014 (P-200); NA-026 (Dispenser); NA-307 (P-1000)						
Dilution : 90 Reagent : 070224.R05; 050924.R04; 050324.36 Consumables : 418323190A; 2401051; 200103-274; BEL-13166-0001; 27922051; 240321-634-A; 120123CH01; 014310; 341404; 7910110; 505AQG31923; X002BSDLD8; TJ160G; 21334; 240123; 17723011; 0001432; 0001420; 7574003009; WO3772; WO3830; WO3961; 0001297; 0001407; 0001297; 0000887; 0001297; WO3851; 7805001042; 0001317; 0001155; WO3984; WO3861; 0001072; 0001317; 0000567165; 0000567011; 0000535389; 1008934776; 9LCJ1611R; 1008855823; 1008755271 Pipette : NA-001 (P-20, micro); NA-008 (P-10, micro); NA-011 (P-1000, Micro); NA-007 (P-200, micro); NA-003 (P-10 multi, micro); NA-006 (P-200, micro); NA-004 (P-100 multi, micro); NA-010 (P-1000, micro); NA-005 (P-200, micro); NA-002 (P-100 multi, micro); NA-164 (P-10, micro); NA-200 (P-300 multi, micro); NA-208 (P-200, micro); NA-208A (P-1000, micro); NA-207 (P-20, micro); NA-206 (P-20, micro); NA-206A (P-200, micro); NA-207A (P-1000, micro); NA-210 Micro bottle top dispenser; NA-211 Micro bottle top dispenser; NA-213 Micro bottle top dispenser						Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T40.104.MA Pesticides and Mycotoxins Analysis via LC-MS/MS. LOQ 20 ppb). Total Aflatoxins (Aflatoxin B1, B2, G1, G2) must be <20 µg/Kg. Ochratoxins must be <20 µg/Kg.						

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