



# Certificate of Analysis

Sep 03, 2020 | Beauty Nutrition Co

1-33-6, 150-0021

Ebisu-nishi Shibuya, Tokyo, Japan, .



Sample: DA00813015-006

Harvest/Lot ID: RF041720

Seed to Sale #N/A

Batch Date :N/A

Batch#: RF041720

Sample Size Received: 8 gram

Retail Product Size: 8

Ordered : 08/13/20

Sampled : 08/13/20

Completed: 09/03/20 Expires: 09/03/21

Sampling Method: SOP Client Method

**PASSED**

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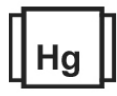
## PRODUCT IMAGE



## SAFETY RESULTS



Pesticides  
**PASSED**



Heavy Metals  
**PASSED**



Microbials  
**PASSED**



Mycotoxins  
**PASSED**



Residuals  
Solvents  
**PASSED**



Filtration  
**PASSED**



Water Activity  
**NOT TESTED**



Moisture  
**NOT TESTED**



Terpenes  
**NOT TESTED**

## MISC.

## CANNABINOID RESULTS



Total THC  
**0.000%**



Total CBD  
**95.201%**



Total Cannabinoids  
**95.503%**



Filtration

**PASSED**

Analyzed By 457 Weight 1g Extraction date NA LOD(ppm) NA Extracted By NA

Analysis Method -SOP.T.40.013 Batch Date : 08/13/20 12:30:16

Analytical Batch -DA014780FIL Reviewed On - 08/13/20 12:37:54

Instrument Used : Filtration/Foreign Material Microscope

This includes but is not limited to hair, insects, feces, packaging contaminants, and manufacturing waste and by-products. An SH-2B/T Stereo Microscope is used for inspection.

CBC	CBD	CBDa	CBDV	CBG	CBGA	CBN	D8-THC	D9-THC	THCA	THCV
ND	95.201%	ND	0.302%	ND	ND	ND	ND	ND	ND	ND
ND	952.010 mg/g	ND	3.020 mg/g	ND	ND	ND	ND	ND	ND	ND
LOD 0.001	0.0001	0.001	0.001	0.001	0.001	0.001	0.001	0.0001	0.001	0.001
%	%	%	%	%	%	%	%	%	%	%

## Cannabinoid Profile Test

Analyzed by 450 Weight 0.1020g Extraction date : 08/17/20 03:08:14 Extracted By : 574

Analysis Method -SOP.T.40.020, SOP.T.30.050

Analytical Batch -DA014836POT Instrument Used : DA-LC-003

Reviewed On - 08/18/20 15:32:04

Batch Date : 08/17/20 11:25:39

Reagent	Dilution	Consums. ID
061220.24	400	280650306
081320.R20		918C4-918J
062220.20		914C4-914AK
081320.R19		929C6-929H
081420.R03		

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection (HPLC-UV). (Method: SOP.T.30.050 for sample prep and Shimadzu High Sensitivity Method SOP.T.40.020 for analysis. LOQ for all cannabinoids is 1 mg/L).

This report shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. This report is an Kaycha Labs certification. The results relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Void after 1 year from test end date. Cannabinoid content of batch material may vary depending on sampling error. IC=In-control QC parameter, NC=Non-controlled QC parameter, ND=Not Detected, NA=Not Analyzed, ppm=Parts Per Million, ppb=Parts Per Billion. Limit of Detection (LoD) and Limit of Quantitation (LoQ) are terms used to describe the smallest concentration that can be reliably measured by an analytical procedure. RPD=Reproducibility of two measurements. Action Levels are State determined thresholds for human safety for consumption and/or inhalation. The result >99% are variable based on uncertainty of measurement (UM) for the analyte. The UM error is available from the lab upon request. The "Decision Rule" for the pass/fail does not include the UM. The limits are based on F.S. Rule 64-4.310.

Jorge Segredo  
Lab Director

State License # CMTL-0002  
ISO Accreditation # 97164



Signature

09/03/2020

Signed On



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Ebisu-nishi Shibuya, Tokyo, Japan, .

**Telephone:** 03-6868-8806

**Email:** Contact@beauty-nutrition.com

**Sample : DA00813015-006**
**Harvest/LOT ID: RF041720**
**Batch# :** RF041720

**Sampled :** 08/13/20

**Ordered :** 08/13/20

**Sample Size Received :** 8 gram

**Completed :** 09/03/20 **Expires:** 09/03/21

**Sample Method :** SOP Client Method

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## Pesticides

**PASSED**

Pesticides	LOD	Units	Action Level	Result	Pesticides	LOD	Units	Action Level	Result
ABAMECTIN B1A	0.01	ppm	0.3	ND	PROPICONAZOLE	0.01	ppm	1	ND
ACEPHATE	0.01	ppm	3	ND	PROPOXUR	0.01	ppm	0.1	ND
ACEQUINOCYL	0.01	ppm	2	ND	PYRETHRIN I	0.01	ppm	1	ND
ACETAMIPRID	0.01	ppm	3	ND	PYRETHRIN II	0.01	ppm	1	ND
ALDICARB	0.01	ppm	0.1	ND	PYRETHRINS	0.05	ppm	1	ND
AZOXYSTROBIN	0.01	ppm	3	ND	PYRIDABEN	0.02	ppm	3	ND
BIFENAZATE	0.01	ppm	3	ND	SPINETORAM	0.02	PPM	3	ND
BIFENTHRIN	0.01	ppm	0.5	ND	SPINOSAD (SPINOSYN A)	0.01	ppm	3	ND
BOSCALID	0.01	PPM	3	ND	SPINOSAD (SPINOSYN D)	0.01	ppm	3	ND
CARBARYL	0.05	ppm	0.5	ND	SPIROMESIFEN	0.01	ppm	3	ND
CARBOFURAN	0.01	ppm	0.1	ND	SPIROTETRAMAT	0.01	ppm	3	ND
CHLORANTRANILIPROLE	0.1	ppm	3	ND	SPIROXAMINE	0.01	ppm	0.1	ND
CHLORMEQUAT CHLORIDE	0.1	ppm	3	ND	TEBUCONAZOLE	0.01	ppm	1	ND
CHLORPYRIFOS	0.01	ppm	0.1	ND	THIACLOPRID	0.01	ppm	0.1	ND
CLOFENTEZINE	0.02	ppm	0.5	ND	THIAMETHOXAM	0.05	ppm	1	ND
COUMAPHOS	0.01	ppm	0.1	ND	TOTAL CONTAMINANT LOAD (PESTICIDES)	0	PPM	20	ND
DAMINOZIDE	0.01	ppm	0.1	ND	TOTAL PERMETHRIN	0.01	ppm	1	ND
DIAZANON	0.01	ppm	0.2	ND	TOTAL SPINOSAD	0.01	ppm	3	ND
DICHLORVOS	0.01	ppm	0.1	ND	TRIFLOXYSTROBIN	0.01	ppm	3	ND
DIMETHOATE	0.01	ppm	0.1	ND					
DIMETHOMORPH	0.02	ppm	3	ND					
ETHOPROPHOS	0.01	ppm	0.1	ND					
ETOFENPROX	0.01	ppm	0.1	ND					
ETOXAZOLE	0.01	ppm	1.5	ND					
FENHEXAMID	0.01	ppm	3	ND					
FENOXYCARB	0.01	ppm	0.1	ND					
FENPYROXIMATE	0.01	ppm	2	ND					
FIPRONIL	0.01	ppm	0.1	ND					
FLONICAMID	0.01	ppm	2	ND					
FLUDIOXONIL	0.01	ppm	3	ND					
HEXYTHIAZOX	0.01	ppm	2	ND					
IMAZALIL	0.01	ppm	0.1	ND					
IMIDACLOPRID	0.04	ppm	3	ND					
KRESOXIM-METHYL	0.01	ppm	1	ND					
MALATHION	0.02	ppm	2	ND					
METALAXYL	0.01	ppm	3	ND					
METHIOCARB	0.01	ppm	0.1	ND					
METHOMYL	0.01	ppm	0.1	ND					
MEVINPHOS	0.01	ppm	0.1	ND					
MYCLOBUTANIL	0.01	ppm	3	ND					
NALED	0.025	ppm	0.5	ND					
OXAMYL	0.05	ppm	0.5	ND					
PACLOBUTRAZOL	0.01	ppm	0.1	ND					
PHOSMET	0.01	ppm	0.2	ND					
PIPERONYL BUTOXIDE	0.1	ppm	3	ND					
PRALLETHRIN	0.01	ppm	0.4	ND					



## Pesticides

**PASSED**
**Analyzed by**  
 585

**Weight**  
 1.0941g

**Extraction date**  
 08/13/20 03:08:32

**Extracted By**  
 1082

**Analysis Method -** SOP.T.30.065, SOP.T.40.065 ,  
 SOP.T.30.065, SOP.T.40.070

**Analytical Batch -** DA014773PES

**Reviewed On-** 08/13/20 12:37:54

**Instrument Used -** DA-LCMS-001\_DER (PES)  
**Batch Date :** 08/13/20 09:22:01

**Reagent**
**Dilution**
**Consums. ID**

 062220.10  
 081220.R18  
 081220.R19  
 070620.R2  
 081220.R14

10

 280678841  
 76262-590

Pesticide screen is performed using LC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides. Currently we analyze for 67 Pesticides. (Method: SOP.T.30.060 Sample Preparation for Pesticides Analysis via LCMSMS and SOP.T.40.065 Procedure for Pesticide Quantification Using LCMS). \* Volatile Pesticide screening is performed using GC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides. Analytes marked with an asterisk were tested using GC-MS.



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Email: Contact@beauty-nutrition.com

Sample : DA00813015-006

Harvest/LOT ID: RF041720

Batch# : RF041720

Sampled : 08/13/20

Ordered : 08/13/20

Sample Size Received : 8 gram

Completed : 09/03/20 Expires: 09/03/21

Sample Method : SOP Client Method

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	<b>Residual Solvents</b>	<b>PASSED</b>
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	<b>Residual Solvents</b>	<b>PASSED</b>
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Solvent	LOD	Units	Action Level (PPM)	Pass/Fail	Result
1,1-DICHLOROETHENE	0.8	ppm	8	PASS	ND
1,2-DICHLOROETHANE	0.2	ppm	5	PASS	ND
2-PROPANOL	50	ppm	500	PASS	ND
ACETONE	75	ppm	5000	PASS	ND
ACETONITRILE	6	ppm	410	PASS	ND
BENZENE	0.1	ppm	2	PASS	ND
BUTANES (N-BUTANE)	500	ppm	2000	PASS	ND
CHLOROFORM	0.2	ppm	60	PASS	ND
DICHLOROMETHANE	12.5	ppm	600	PASS	ND
ETHANOL	500	ppm	5000	PASS	ND
ETHYL ACETATE	40	ppm	5000	PASS	ND
ETHYL ETHER	50	ppm	5000	PASS	ND
ETHYLENE OXIDE	0.5	ppm	5	PASS	ND
HEPTANE	500	ppm	5000	PASS	ND
METHANOL	25	ppm	3000	PASS	ND
N-HEXANE	25	ppm	290	PASS	ND
PENTANES (N-PENTANE)	75	ppm	5000	PASS	ND
PROPANE	500	ppm	2100	PASS	ND
TOLUENE	15	ppm	890	PASS	ND
TOTAL XYLENES	15	ppm	150	PASS	ND
TRICHLOROETHYLENE	2.5	ppm	80	PASS	ND
XYLENES-M (1,3-DIMETHYLBENZENE)	13.5	ppm	2170	PASS	ND
XYLENES-M&P (1,3&1,4-DIMETHYLBENZENE)	27	ppm	2170	PASS	ND
XYLENES-O (1,2-DIMETHYLBENZENE)	13.5	ppm	2170	PASS	ND
XYLENES-P (1,4-DIMETHYLBENZENE)	13.5	ppm	2170	PASS	ND

Analyzed by	Weight	Extraction date	Extracted By
850	0.0250g	08/14/20 04:08:25	850
<b>Analysis Method -SOP.T.40.032</b> <b>Analytical Batch -DA014810SOL</b> <b>Instrument Used : DA-GCMS-002</b> <b>Batch Date : 08/14/20 13:06:31</b>			
<b>Reviewed On - 08/18/20 14:41:02</b>			
Reagent	Dilution	Consums. ID	
	1	H2017.077 00279984 161291-1	

Residual solvents screening is performed using GC-MS which can detect below single digit ppm concentrations. Currently we analyze for 21 Residual solvents.(Method: SOP.T.40.032 Residual Solvents Analysis via GC-MS).



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Sample : DA00813015-006

Harvest/LOT ID: RF041720

Batch# : RF041720

Sampled : 08/13/20

Ordered : 08/13/20


Sample Size Received : 8 gram

Completed : 09/03/20 Expires: 09/03/21

Sample Method : SOP Client Method

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	<b>Microbials</b>	<b>PASSED</b>
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	<b>Mycotoxins</b>	<b>PASSED</b>
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## Analyte

ASPERGILLUS\_FLAVUS  
ASPERGILLUS\_FUMIGATUS  
ASPERGILLUS\_NIGER  
ASPERGILLUS\_TERREUS  
ESCHERICHIA\_COLI\_SHIGELLA\_SPP  
SALMONELLA\_SPECIFIC\_GENE

## Result Analyte

not present in 1 gram.  
not present in 1 gram.  
not present in 1 gram.  
not present in 1 gram.  
not present in 1 gram.  
not present in 1 gram.

## LOD

## Units

## Result

## Action Level (PPM)

**AFLATOXIN G2** 0.002 ppm ND 0.02  
**AFLATOXIN G1** 0.002 ppm ND 0.02  
**AFLATOXIN B2** 0.002 ppm ND 0.02  
**AFLATOXIN B1** 0.002 ppm ND 0.02  
**OCHRATOXIN A+** 0.002 ppm ND 0.02

Analysis Method -SOP.T.40.043 / SOP.T.40.044

Analytical Batch -DA014761MIC Batch Date : 08/13/20

Instrument Used : PathogenDX PCR\_Array Scanner DA-111

Analysis Method -SOP.T.30.065, SOP.T.40.065

Analytical Batch -DA014774MYC | Reviewed On - 08/17/20 12:45:07

Instrument Used : DA-LCMS-001\_DER (MYC)

Batch Date : 08/13/20 09:25:57

Analyzed by	Weight	Extraction date	Extracted By
513	1.0984g	08/13/20	1082

Analyzed by	Weight	Extraction date	Extracted By
585	1g	08/13/20 03:08:23	585

## Reagent Consums. ID Consums. ID Consums. ID Consums. ID

071020.12	181019-274	19423	2807007	2811017
101619.03	SG298A	080717	2809005	
	11989-024CC-024	850C6-850H	2810014D	
	918C4-918J	2802019	029	
	914C4-914AK	2803029	2804026	
	50AX30819	A07	2808006	

Microbiological testing for Fungal and Bacterial Identification via Polymerase Chain Reaction (PCR) method consisting of sample DNA amplified via tandem Polymerase Chain Reaction (PCR) as a crude lysate which avoids purification. (Method SOP.T.40.043) If a pathogenic Escherichia Coli, Salmonella, Aspergillus fumigatus, Aspergillus flavus, Aspergillus niger, or Aspergillus terreus is detected in 1g of a sample, the sample fails the microbiological-impurity testing.

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T.30.065 for Sample Preparation and SOP.T.40.065 Procedure for Mycotoxins Quantification Using LCMS. LOQ 1.0 ppb). Aflatoxin B1, B2, G1, and G2 must individually be <20ug/Kg. Ochratoxins must be <20ug/Kg.

	<b>Heavy Metals</b>	<b>PASSED</b>
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Reagent	Reagent	Dilution	Consums. ID
081320.R13	081120.R14	100	89401-566
081720.R01	081720.R16		
071320.08	071720.R03		
081720.R03	022520.03		
080420.R23	030420.06		
081220.R01	070120.01		

Metal	LOD	Unit	Result	Action Level (PPM)
ARSENIC	0.02	PPM	ND	1.5
CADMIUM	0.02	PPM	ND	0.5
LEAD	0.05	PPM	ND	0.5
MERCURY	0.02	PPM	ND	3

Analyzed by	Weight	Extraction date	Extracted By
53	0.2500g	08/17/20 12:08:42	1783

Analysis Method -SOP.T.40.050, SOP.T.30.052

Analytical Batch -DA014767HEA | Reviewed On - 08/18/20 16:11:48

Instrument Used : DA-ICPMS-001

Batch Date : 08/13/20 09:07:14

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma - Mass Spectrometer) which can screen down to below single digit ppb concentrations for regulated heavy metals using Method SOP.T.30.052 Sample Preparation for Heavy Metals Analysis via ICP-MS and SOP.T.40.050 Heavy Metals Analysis via ICP-MS.