

Certificate ID: **44299**

Received: **12/3/18**

Scan QR Code for authenticity



DR.GANJA

Client Sample ID: **Bast**

Lot Number: **D12018779**

Matrix: **Flowers/Bud - Dry**

Authorization: Jon Podgorni, Lab Manager	Signature: <i>Jon Podgorni</i>	Date: 12/27/2018
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The data contained within this report was collected in accordance with the requirements of ISO/IEC17025:2005. I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the test article listed in this report. Reports may not be reproduced except in their entirety.

CN: Cannabinoid Profile & Potency [WI-10-17]

Analyst: *JSG*

Test Date: *12/26/2018*

The client sample was analyzed for plant-based cannabinoids by Liquid Chromatography (LC). The collected data was compared to data collected for certified reference standards at known concentrations.

44299-CN

ID	Weight %	Conc.	
D9-THC	0.05 wt %	0.52 mg/g	
THCV	ND	ND	
CBD	0.41 wt %	4.06 mg/g	
CBDV	ND	ND	
CBG	ND	ND	
CBC	0.02 wt %	0.18 mg/g	
CBN	ND	ND	
THCA	0.46 wt %	4.63 mg/g	
CBDA	13.96 wt %	139.61 mg/g	
CBGA	0.61 wt %	6.09 mg/g	
Total	15.51 wt%	155.08 mg/g	0% Cannabinoids (wt%) 14.0%
Max THC	0.46 wt%	4.58 mg/g	
Max CBD	12.65 wt%	126.50 mg/g	

Ratio of Total CBD to THC 27.6:1

Max THC (and Max CBD) are calculated values for total cannabinoids after heating, assuming complete decarboxylation of the acid to the neutral form. It is calculated based on the weight loss of the acid group during decarboxylation: Max THC = (0.877 x THCA) + THC. ND = None detected above the limits of detection (LLD)

Bast

 SAMPLE TYPE
Flower

 RECEIVED **01/11/19**
 REPORTED **01/22/19**

 CUSTOMER
 Dr.Ganja

 STEEP HILL ID
BK63644

 BATCH ID
J10919C

TEST NAME

Extended Terpenes

 METHOD NAME
 SOP-069

Terpene	%	mg/g	LOD mg/g	LOQ mg/g
α -Bisabolol	ND	ND	0.037	0.112
endo-Borneol	< LOQ	< LOQ	0.036	0.109
Camphene	0.056	0.56	0.037	0.112
Camphor	0.0173	0.173	0.037	0.112
3-Carene	ND	ND	0.038	0.113
Caryophyllene Oxide	ND	ND	0.037	0.112
β -Caryophyllene	0.103	1.03	0.037	0.112
α -Cedrene	ND	ND	0.036	0.109
Cedrol	ND	ND	0.037	0.112
Citronellol	0.0189	0.189	0.037	0.110
Eucalyptol	ND	ND	0.038	0.113
α -Farnesene	ND	ND	0.0123	0.037
β -Farnesene	0.126	1.26	0.025	0.076
Fenchol	0.025	0.25	0.036	0.109
Fenchone	0.021	0.21	0.036	0.109

ND - Not Detected
 < LOQ - Below Limit of Quantitation

LOD - Limit of Detection
 LOQ - Limit of Quantitation

Bast

TEST NAME

Extended Terpenes

METHOD NAME

SOP-069

Terpene	%	mg/g	LOD mg/g	LOQ mg/g
Geraniol	ND	ND	0.036	0.109
Geranyl Acetate	ND	ND	0.038	0.113
Guaiol	0.035	0.35	0.037	0.110
α -Humulene	0.053	0.53	0.036	0.109
Isoborneol	0.049	0.49	0.037	0.112
Isopulegol	ND	ND	0.037	0.112
Limonene	ND	ND	0.036	0.109
Linalool	< LOQ	< LOQ	0.037	0.112
Menthol	ND	ND	0.037	0.112
β -Myrcene	0.29	2.9	0.037	0.112
Nerol	ND	ND	0.037	0.112
cis-Nerolidol	ND	ND	0.038	0.113
trans-Nerolidol	0.0200	0.200	0.036	0.109
cis- β -Ocimene	0.067	0.67	0.026	0.079
trans- β -Ocimene	ND	ND	0.0114	0.034
α -Phellandrene	ND	ND	0.037	0.112
Phytol 1	0.0096	0.096	0.0092	0.028
Phytol 2	0.0180	0.180	0.024	0.072
α -Pinene	ND	ND	0.036	0.109
β -Pinene	ND	ND	0.036	0.109
Pulegone	ND	ND	0.037	0.110
Sabinene	ND	ND	0.036	0.109
Sabinene Hydrate	ND	ND	0.036	0.109
α -Terpinene	ND	ND	0.036	0.109
γ -Terpinene	ND	ND	0.036	0.108

ND - Not Detected
 < LOQ - Below Limit of Quantitation

LOD - Limit of Detection
 LOQ - Limit of Quantitation

Bast

TEST NAME

Extended Terpenes

METHOD NAME

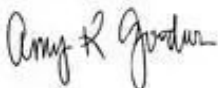
SOP-069

Terpene	%	mg/g	LOD mg/g	LOQ mg/g
α -Terpineol	0.0135	0.135	0.036	0.109
Terpinolene	0.025	0.25	0.036	0.109
Valencene	ND	ND	0.038	0.113
Total Measured	0.95	9.5		

ND - Not Detected

LOD - Limit of Detection
LOQ - Limit of Quantitation

CERTIFICATION



AMY GOODWIN PH.D.
LAB DIRECTOR

CERTIFICATE #: BKS3644-4
REVISION: TRP-001 Rev. 3

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