

Certificate ID: **44300**  
 Client Sample ID: **Rise Up**  
 Lot Number: **D12018780**  
 Matrix: **Flowers/Bud - Dry**

Received: **12/3/18**

Scan QR Code for authenticity



**DR.GANJA**

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/IEC 17025:2005. 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.

**44300-CN**

ID	Weight %	Conc.	
D9-THC	0.12 wt %	1.15 mg/g	
THCV	ND	ND	
CBD	0.81 wt %	8.08 mg/g	
CBDV	ND	ND	
CBG	0.14 wt %	1.37 mg/g	
CBC	0.06 wt %	0.56 mg/g	
CBN	ND	ND	
THCA	0.44 wt %	4.40 mg/g	
CBDA	15.08 wt %	150.84 mg/g	
CBGA	0.75 wt %	7.52 mg/g	
<b>Total</b>	<b>17.39 wt%</b>	<b>173.91 mg/g</b>	0% <b>Cannabinoids (wt%)</b> 15.1%
Max THC	0.50 wt%	5.01 mg/g	
Max CBD	14.04 wt%	140.36 mg/g	

**Ratio of Total CBD to THC 28.0:1**

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)

# Rise Up

SAMPLE TYPE  
**Flower**

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

CUSTOMER  
Dr.Ganja

STEEP HILL ID  
**BK63646**

BATCH ID  
**J10919E**

TEST NAME

**Extended Terpenes**

METHOD NAME  
SOP-069

Terpene	%	mg/g	LOD mg/g	LOQ mg/g
$\alpha$ -Bisabolol	ND	ND	0.035	0.105
endo-Borneol	< LOQ	< LOQ	0.034	0.102
Camphene	<b>0.054</b>	<b>0.54</b>	0.035	0.104
Camphor	ND	ND	0.035	0.105
3-Carene	ND	ND	0.035	0.105
Caryophyllene Oxide	ND	ND	0.035	0.105
$\beta$ -Caryophyllene	<b>0.082</b>	<b>0.82</b>	0.035	0.105
$\alpha$ -Cedrene	ND	ND	0.034	0.101
Cedrol	ND	ND	0.035	0.105
Citronellol	ND	ND	0.034	0.102
Eucalyptol	ND	ND	0.035	0.105
$\alpha$ -Farnesene	ND	ND	0.0115	0.035
$\beta$ -Farnesene	<b>0.112</b>	<b>1.12</b>	0.024	0.071
Fenchol	<b>0.023</b>	<b>0.23</b>	0.034	0.102
Fenchone	<b>0.0199</b>	<b>0.199</b>	0.034	0.102

ND - Not Detected  
< LOQ - Below Limit of Quantitation

LOD - Limit of Detection  
LOQ - Limit of Quantitation

# Rise Up

TEST NAME

**Extended Terpenes**

METHOD NAME

SOP-069

Terpene	%	mg/g	LOD mg/g	LOQ mg/g
Geraniol	ND	ND	0.034	0.102
Geranyl Acetate	ND	ND	0.035	0.105
Guaiol	<b>0.032</b>	<b>0.32</b>	0.034	0.102
$\alpha$ -Humulene	<b>0.040</b>	<b>0.40</b>	0.034	0.102
Isoborneol	ND	ND	0.035	0.105
Isopulegol	ND	ND	0.035	0.105
Limonene	ND	ND	0.034	0.101
Linalool	<b>0.021</b>	<b>0.21</b>	0.035	0.105
Menthol	ND	ND	0.035	0.105
$\beta$ -Myrcene	<b>0.23</b>	<b>2.3</b>	0.035	0.104
Nerol	ND	ND	0.035	0.105
cis-Nerolidol	ND	ND	0.035	0.105
trans-Nerolidol	<b>0.0176</b>	<b>0.176</b>	0.034	0.102
cis- $\beta$ -Ocimene	ND	ND	0.024	0.073
trans- $\beta$ -Ocimene	ND	ND	0.0106	0.032
$\alpha$ -Phellandrene	ND	ND	0.035	0.104
Phytol 1	<b>0.0084</b>	<b>0.084</b>	0.0086	0.026
Phytol 2	<b>0.0176</b>	<b>0.176</b>	0.023	0.068
$\alpha$ -Pinene	<b>0.043</b>	<b>0.43</b>	0.034	0.102
$\beta$ -Pinene	ND	ND	0.034	0.102
Pulegone	ND	ND	0.034	0.103
Sabinene	ND	ND	0.034	0.102
Sabinene Hydrate	ND	ND	0.034	0.102
$\alpha$ -Terpinene	ND	ND	0.034	0.102
$\gamma$ -Terpinene	ND	ND	0.034	0.101

ND - Not Detected

 LOD - Limit of Detection  
 LOQ - Limit of Quantitation

# Rise Up

TEST NAME

**Extended Terpenes**

METHOD NAME

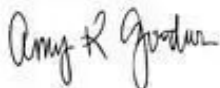
SOP-069

Terpene	%	mg/g	LOD mg/g	LOQ mg/g
$\alpha$ -Terpineol	<b>0.0139</b>	<b>0.139</b>	0.034	0.102
Terpinolene	<b>0.023</b>	<b>0.23</b>	0.034	0.101
Valencene	ND	ND	0.035	0.105
<b>Total Measured</b>	<b>0.74</b>	<b>7.4</b>		

ND - Not Detected

LOD - Limit of Detection  
LOQ - Limit of Quantitation

CERTIFICATION



AMY GOODWIN PH.D.  
LAB DIRECTOR

CERTIFICATE #: BKS3646-4  
REVISION: TRP-001 Rev. 3.

*The above results relate only to the samples tested and for the specific tests conducted. Steep Hill grants permission to reproduce this document in full only.*