

PharmLabs San Diego Certificate of Analysis



Sample **Harle Tsu**

Delta9 THC	0.05%	THCa	0.79%	Total THC (THC + THCa)	0.83%
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Sample ID	SD180306-002 (30259)	Matrix	Flower (Inhalable Cannabis Good)
Tested for	Kaya	Received	-
Sampled	-	Reported	Mar 09, 2018
Analyses executed	CAN, TER		

**\* CAN - Cannabinoids Analysis**

Analyzed Mar 07, 2018 | Instrument HPLC-VWD | Method SOP-001  
 The expanded Uncertainty of the Cannabinoid analysis is approximately  $\pm 7.806\%$  at the 95% Confidence Level

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g
Cannabidiolic Acid (CBDA)	0.001	0.16	16.25	162.48
Cannabigerol (CBG)	0.001	0.16	0.00	0.04
Cannabidiol (CBD)	0.001	0.16	0.53	5.33
Cannabinol (CBN)	0.001	0.16	NT	NT
Tetrahydrocannabinol ( $\Delta^9$ -THC)	0.003	0.16	0.05	0.45
$\Delta^8$ -tetrahydrocannabinol ( $\Delta^8$ -THC)	0.004	0.16	NT	NT
(6aR,9S)- $\Delta^{10}$ -Tetrahydrocannabinol ((6aR,9S)- $\Delta^{10}$ )	0.015	0.16	NT	NT
(6aR,9R)- $\Delta^{10}$ -Tetrahydrocannabinol ((6aR,9R)- $\Delta^{10}$ )	0.007	0.16	NT	NT
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	0.90	9.00
<b>Total THC ( THCa * 0.877 + <math>\Delta^9</math>THC )</b>			<b>0.83</b>	<b>8.34</b>
<b>Total CBD ( CBDA * 0.877 + CBD )</b>			<b>14.78</b>	<b>147.83</b>
<b>Total Cannabinoids Analyzed</b>			<b>15.62</b>	<b>156.22</b>

\*Dry Weight %

**TER - Terpenes Analysis**

Analyzed Mar 09, 2018 | Instrument GC/FID | Method SOP-002

Analyte	LOD mg/g	LOQ mg/g	(%)	(mg/g)	Analyte	LOD mg/g	LOQ mg/g	(%)	(mg/g)
$\alpha$ -Pinene ( $\alpha$ -Pin)	0.128	0.427	0.14	1.40	Camphene (Cam)	0.147	0.492	0.00	0.05
Myrcene (Myr)	0.073	0.244	0.18	1.78	b-Pinene (b-Pin)	0.413	1.377	0.04	0.42
3-Carene (3-Car)	0.11	0.366	0.00	0.01	$\alpha$ -Terpinene ( $\alpha$ -Ter)	0.099	0.331	0.00	0.01
$\alpha$ -Ocimene ( $\alpha$ -Oci)	0.055	0.182	ND	ND	Limonene (Lim)	0.081	0.268	0.02	0.21
p-Cymene (p-Cym)	0.104	0.347	ND	ND	b-Ocimene (b-Oci)	0.085	0.282	0.00	0.02
Eucalyptol (Euc)	0.19	0.634	0.00	0.01	g-Terpinene (g-Ter)	0.108	0.361	0.00	0.01
Terpenolene (Terp)	0.119	0.395	0.00	0.01	Linalool (Lin)	0.146	0.487	0.01	0.10
Isopulegol (Isop)	0.139	0.464	0.00	0.01	Geraniol (Gera)	0.177	0.589	0.00	0.00
b-Caryophyllene (b-Cary)	0.132	0.44	0.03	0.30	$\alpha$ -Humulene (Hum)	0.183	0.608	0.01	0.09
cis-Nerolidol (ci-Ner)	0.129	0.431	0.00	0.00	trans-Nerolidol (tr-Ner)	0.093	0.31	0.00	0.03
Guaial (Gua)	0.15	0.499	0.01	0.13	Caryophyllene Oxide (CarOx)	0.183	0.611	0.00	0.01
$\alpha$ -bisabolol ( $\alpha$ -Bbis)	0.159	0.529	0.00	0.02					
<b>Total Terpene Concentration</b>								<b>0.46 %</b>	<b>4.60 mg/g</b>

UJ Unidentified  
 ND Not Detected  
 N/A Not Applicable  
 NT Not Reported  
 LOD Limit of Detection  
 LOQ Limit of Quantification  
 <LOQ Detected  
 >ULOL Above upper limit of linearity  
 CFU/g Colony Forming Units per 1 gram  
 TNTC Too Numerous to Count



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Authorized Signature

*Jaelyn A. Mauser*

Jaelyn Mauser - Lab Director  
 Fri, 09 Mar 2018 15:35:43 -0800

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