



Certificate ID: **47169**

Received: **1/30/19**

Scan QR Code for authenticity



Alethiah

4801 Woodway Drive, Suite 300E

Houston, TX 77056

Attn: Basil Raad

Client Sample ID: **1 gm pure isolate powder with 99% CBD**

Lot Number: **IHPISO1**

Matrix: **Concentrates/Extracts - Isolate**

Authorization: Jon Podgorni, Lab Manager	Signature: 	Date: 2/11/2019
--	--	---------------------------



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 & WI-10-17-01]

Analyst: JSG

Test Date: 2/1/2019

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.

47169-CN

ID	Weight %	Conc.			
D9-THC	0.16 wt %	1.61 mg/g			
THCV	ND	ND			
CBD	98.07 wt %	980.65 mg/g			
CBDV	0.33 wt %	3.34 mg/g			
CBG	ND	ND			
CBC	ND	ND			
CBN	ND	ND			
THCA	ND	ND			
CBDA	ND	ND			
CBGA	ND	ND			
exo-THC	0.10 wt %	1.01 mg/g			
Total	98.66 wt%	986.60 mg/g	0%	Cannabinoids (wt%)	98.1%
Max THC	0.16 wt%	1.61 mg/g			
Max CBD	98.07 wt%	980.65 mg/g			

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: $\text{Max THC} = (0.877 \times \text{THCA}) + \text{THC}$. This calculation does not include other cannabinoid isomers (eg. D8-THC and exo-THC). ND = None detected above the limits of detection (LLD)