

Certificate ID: **91444**

 Received: **1/11/21**

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 for authenticity

**Pro grow LLC**  
 69 Neck Road  
 Westfield, MA 01085  
 Attn: Mark Dupuis

 Client Sample ID: **BaOx**

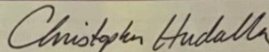
 Lot Number: **1**

 Matrix: **Isolates - CBD**

Authorization:

Chris Hudalla, Chief Science Officer

Signature:



Date:

1/26/2021



The data contained within this report was collected in accordance with the requirements of ISO/IEC 17025:2017. 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: *JFD*

 Test Date: *1/25/2021*

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.

**91444-CN**

ID	Weight %	Concentration (mg/g)		
D9-THC	0.0730	0.730		
THCV	ND	ND		
CBD	98.9	989		
CBDV	0.274	2.74		
CBG	ND	ND		
CBC	0.0465	0.465		
CBN	ND	ND		
THCA	ND	ND		
CBDA	0.0614	0.614		
CBGA	ND	ND		
D8-THC	ND	ND		
exo-THC	ND	ND		
Total	99.4	994	0%	Cannabinoids (wt%) 98.9%
Max THC	0.0730	0.730		Limit of Quantitation (LOQ) = 0.0448 wt%
Max CBD	99.0	990		Limit of Detection (LOD) = 0.0149 wt%

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 =  $(0.877 \times \text{THCA}) + \text{THC}$ . This calculation does not include other cannabinoid isomers (eg. D8-THC and exo-THC). ND = None detected above the limits of detection (LOD), which is one third of LOQ.

MA: Moisture Analysis [WI-10-16]

Analyst: JA

Test Date: 1/14/2021

91444-MA

Weight loss on drying: 2.9%

The moisture content of the client sample was evaluated based on weight loss observed on heating. The recorded weight loss is due to the loss of water and volatiles (terpenes) observed upon sample drying.

EA: Elemental Analysis [WI-10-13]

Analyst: CJS

Test Date: 1/20/2021

This test method was performed in accordance with the requirements of ISO/IEC 17025. These results relate only to the test article listed in this report. Reports may not be reproduced except in their entirety.

91444-EA

Symbol	Metal	Conc. <sup>1</sup> (µg/kg)	RL (µg/kg)	Limits <sup>2</sup> (µg/kg)	Status
Al	Aluminum	980	50	-	PASS
As	Arsenic	ND	50	200	PASS
Cd	Cadmium	ND	50	200	PASS
Ca	Calcium	844	500	-	
Cr	Chromium	ND	50	300	PASS
Co	Cobalt	ND	50	300	PASS
Cu	Copper	ND	50	3,000	PASS
Fe	Iron	661	50	-	
Pb	Lead	ND	50	500	PASS
Mg	Magnesium	2,450	50	-	
Mn	Manganese	ND	50	-	
Hg	Mercury	ND	50	100	PASS
Mo	Molybdenum	ND	50	1,000	PASS
Ni	Nickel	ND	50	500	PASS
P	Phosphorus	2,970	500	-	
K	Potassium	ND	500	-	
Se	Selenium	ND	50	-	
Ag	Silver	ND	50	700	PASS
S	Sulfur	1,660	500	-	
Sn	Tin	715	500	6,000	PASS
Zn	Zinc	209	50	-	

1) ND = None detected to the Method Detection Limit (MDL)

2) USP recommended maximum daily limits for inhalational drug product.