Certificate of Analysis (COA)

Strain Name: **Lifter**

Date of Analysis: **10/11/2018**

Batch Number: **111018-1**

Results

	wt %	mg/g
CBDA	**16.2%**	**162**
CBD	**0.1%**	**1**
CBN	**0.0%**	**0**
d9-THC	**0.0%**	**0**
THCA	**0.4%**	**4**

CBD and THC Equivalents

	wt %	mg/g
CBD Equivalents	**14.3%**	**143**
THC Equivalents	**0.3%**	**3**

Details of Testing

High performance liquid chromatography (HPLC) was used to determine concentrations of CBD, CBDA, CBN, d9-THC, and THCA. Any result reported back at 0.0% is below our lower limit of detection. Our lower limit of detection is 0.005%.

CBD and THC Equivalents Explained

CBD Equivalents = 0.877*CBDA + CBD

THC Equivalents = 0.877*THCA + d9-THC

Upon heating CBDA and THCA transform into CBD and d9-THC, respectively. This process is called decarboxylation because a carboxyl group is lost in the process. It is standard to calculate the actual weight percent/concentration of both CBD and THC as the weight percent/ concentration assuming all of the CBDA and THCA are decarboxylated.

Wisconsin Hemp Scientific LLC
www.wisconsinhempscientific.com
info@wihempsci.com
N63W22595 Main St
Sussex, WI 53089

Lab Personnel Signature: Andrew Gould

Digitally signed by Andrew Gould
Date: 2019.02.24 20:59:18 -06'00'

State of Wisconsin
Governor Scott Walker

Department of Agriculture, Trade and Consumer Protection
Sheila E. Harsdorf, Secretary

State of Wisconsin Industrial Hemp Pilot Program
Fit for Commerce Certificate *(Wis. Stat. §94.55, Wis Admin. Code ATCP 22)*

This Industrial Hemp of variety Lifter Surer Haze, for License Number 470149, from field Field 1 has tested below 0.3% THC and is in compliance with Wis. Stat. §94.55 and Wis. Admin. Code ATCP 22 under Section 7606 of the Agriculture Act of 2014

A copy of this certificate must accompany the industrial hemp specified above to all licensed industrial hemp processors with whom the licensed industrial hemp grower does business.

By: _____ Date: 9/7/2018

Wisconsin Department of Agriculture, Trade and Consumer Protection