



# VerdaSure

## Industrial Hemp & CBD Testing

### Certificate of Analysis

To confirm the validity of this report, please contact us by phone or email. [414-386-3795](tel:414-386-3795) / [info@verdasure.com](mailto:info@verdasure.com)

**Customer Name:** Mock Report  
**Sample Name:** Cherry Wine  
**License Number:** 123456-HG  
**Date of Sampling:** 2/1/2020  
**Date of Analysis:** 2/5/2020  
**Testing Purpose:** Pre-Harvest  
**Sample Type:** N/A  
**Report Criteria:** % Total Mass provided  
**Lab Personnel:** Mr. VerdaSure  
**Batch #:** 200205\_CannaPotency\_QQQ2

Compound	mg/g	% dry weight
CBDA	33.1	3.31
CBD	85.7	8.57
CBNA	0.0	0.00
CBN	0.0	0.00
CBCA	0.1	0.01
CBC	0.0	0.00
CBGA	0.5	0.05
CBG	3.2	0.32
CBDVA	15.2	1.52
CBDV	5.6	0.56
THCVA	12.4	1.24
THCV	1.5	0.15
THCA	3.5	0.35
Δ9-THC	0.7	0.07
Δ8-THC	0.1	0.01
<b>Moisture Content</b>		
12%		

**CBD Equivalent = 0.877\*CBDA+CBD**  
**THC Equivalent = 0.877\*THCA+THC**

Totals	mg/g	% dry weight
<b>CBD Equivalents*</b>	114.73	11.47
<b>THC Equivalents*</b>	3.77	0.38

\*When CBDA and THCA are heated they convert to CBD and THC through a process called decarboxylation. The WI DATCP calculates the THC equivalents according to the calculations above. This is the conversion used by the Wisconsin DATCP laboratory in determining if the crop is fit for commerce. Fit for commerce crops must contain less than 0.3% THC equivalents.

*All compounds were detected using high performance liquid chromatography (HPLC) with tandem mass spectrometry for detection and quantification. Testing was performed within an accredited medical toxicology laboratory. VerdaSure's limit of detection is .04 mg/g, and LOQ is .1 mg/g.*

Key		*Report Criteria
.0 - .28	<b>Safely within State Limit</b>	Samples tested and reported by " <b>% total mass provided</b> " may include excess biomass. Excess biomass may include fiber, stalks, and other materials present with the sample at the time of receipt.
.28 - <.39	<b>Nearing State Limit</b>	
>.39	<b>Exceeding State Limit</b>	Samples tested by " <b>% Flower &amp; Bud mass only</b> " will have been refined prior to testing to ensure only measurements of flower and bud are taken within the analysis.

The State DATCP laboratory will round THC results **down** to the first decimal place to determine if sample meets the 0.3% limit. A result of .399% will report as .3% from the WI DATCP. For more information, please visit the DATCP website.

\*This certificate does not replace the required end of season test that is to be performed by the DATCP laboratory for issuance of a "fit for commerce" certificate.

Testing results and report criteria are based solely on the quality of sample and details submitted to Verdasure by the customer. The information gathered from supplied samples was generated using an unbroken chain of custody as outlined on the testing requisition and kept on file. All analytical work performed by Verdasure is conducted in accordance with all applicable standard laboratory practices using validated methods.