



# 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:** VerdaSure  
**Sample Name:** Cherry Wine  
**License Number:** 123456-HG  
**Date of Sampling:** 5/5/2021  
**Date of Analysis:** 5/15/2021  
**Testing Purpose:** Pre-Harvest Monitoring  
**Sample Type:** Bio-Mass  
**Lab Personnel:**  
**Batch #:** 200317\_CannaPotency\_QQQ3

Compound	mg/g	% dry weight
CBDA	158.00	15.80
CBD	19.80	1.98
CBNA	0.00	0.00
CBN	0.00	0.00
CBCA	0.00	0.00
CBC	0.00	0.00
CBGA	0.00	0.00
CBG	15.00	1.50
CBDVA	0.00	0.00
CBDV	0.00	0.00
THCVA	0.00	0.00
THCV	0.00	0.00
Δ9-THC	0.30	0.03
THCA	2.58	0.26
Δ8-THC	0.00	0.00

**Compliance Testing Requirements**

**Sampling Agent:** N/A  
**Sample Age:** N/A

Measurement of Uncertainty	Moisture Content
0.050	11.0

**CBD Equivalent = 0.877\*CBDA+CBD**  
**THC Equivalent = 0.877\*THCA+Δ9THC**

Totals	mg/g	% dry weight
<b>CBD Equivalents*</b>	158.37	15.84
<b>THC Equivalents*</b>	2.56	0.26
Measurement Range		
<b>Total THC w/ MU</b>	0.21	0.31
<b>Status</b>	<b>Acceptable</b>	

\*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		
.0 - .3	<b>Within USDA Limit</b>	Samples above .3% Total THC will fail per USDA requirements. If the value for Total THC is .3% or lower and within the range determined by the Measurement of Uncertainty (MU), it is deemed acceptable.
.3 <	<b>Exceeding USDA Limit</b>	

The USDA has deemed that a sample must meet or be below the 0.3% limit for total THC. A result of .35% total THC with a measurement of uncertainty of .06 will be acceptable, as .3% is within the range. (.29%-.41%) For more information, please visit the USDA website.

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.