



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

ETS LABORATORIES
214 Hancock Street
Newberg, Oregon 97132
Gordon Burns Phone: 707 963 4806

CHEMICAL

Valid To: June 30, 2019

Certificate Number: 1257.02

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following types of tests on beverages (including alcoholic beverages):

USING THE FOLLOWING TECHNOLOGIES:

Spectroscopy

FTIR
Flow Injection
NIR
UV/Visible

Wet Chemistry Measurements

Titrimetric (Volumetric)
Gravimetric

Miscellaneous

Refractometer

Electrochemical

Potentiometric Analysis

PERFORMING THE FOLLOWING TESTS:

<u>SOP Number</u>	<u>Title</u>
A011	Malic Acid by Auto Sequential Analysis
A012	Glucose and Fructose by Auto Sequential Analysis
A013	Tartaric Acid by Auto Sequential Analysis
A015	Ammonia by Auto Sequential Analysis
A017	Alpha Amino Nitrogen by Auto Sequential Analysis
A018	Citric Acid by Auto Sequential Analysis
A019	Glucose by Auto Sequential Analysis
A022	Wine and Juice Parameters by Minerva-IR
A024	Free and Total Sulfur Dioxide by Flow Injection Analysis
W001	Density and Specific Gravity
W002	Obscuration, Solids, and Extracts
W005	Brix by Refractometer
W006	Volume Determination
W008	Free and Total Sulfur Dioxide by Aeration / Oxidation
W009	pH – Electrometric, Manual
W010	Titrateable Acidity – Manual Titration
W015	Ethanol by Alcoalyzer
W027	Color by UV/Visible



Accredited Laboratory

A2LA has accredited

ETS LABORATORIES

Newberg, OR

for technical competence in the field of

Chemical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *General requirements for the competence of testing and calibration laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated 8 January 2009).



Presented this 28th day of June 2017.

A handwritten signature in black ink, written over a horizontal line.

President and CEO
For the Accreditation Council
Certificate Number 1257.02
Valid to June 30, 2019

For the tests to which this accreditation applies, please refer to the laboratory's Chemical Scope of Accreditation.