



Samples MUST be submitted with an Analysis Request Form and the sample bottles MUST have a Sample Label affixed to each bottle or samples will not be analyzed. Included should be a check in the amount of the requested analyses.

The quality of the analysis performed is directly affected by the sample quality. Samples should be shipped overnight by UPS or FedEx. To avoid prolonged weekend storage by the shipping company, samples should not be mailed Friday or Saturday. A listing of proper sampling procedures can be found on the Wine/Enology-Grape Chemistry Group website at [www.vtwines.info](http://www.vtwines.info).

Please make checks payable to: **Virginia Wineries Association**

## General Wine Chemistry

\$15	ALC	Alcohol Percentage (v/v)
\$25	FOR	Fermentable Nitrogen (mg/L)
\$18	LAC	Lactic Acid (g/L)
\$18	MAL	Malic Acid (g/L)
\$10	RS	Glucose + Fructose (g/L)
\$15	pH	pH
\$20	FSO <sub>2</sub>	SO <sub>2</sub> - Free (mg/L)
\$20	TSO <sub>2</sub>	SO <sub>2</sub> - Total (mg/L)
\$18	TAR	Tartaric Acid (g/L)
\$12	TA	Total Acidity (g/L)
\$20	VA	Volatile Acidity (g/L)

## Wine Physical/Chemical Stability, Sediments and Particulates

\$30	ATA	Atypical Aging
\$25	CHZ	Chill Haze
\$30	CS	Cold Stability
\$20	PEC	Filterability/Glucan/Pectin
\$55	FIN	Fining Trials
\$25	PHS	Protein Heat Stability
\$15	TRB	Turbidity

## Analytical Panels

\$95	BSC	1. Basic Chemistry – ALC, TA, pH, VA, FSO <sub>2</sub> , TSO <sub>2</sub> , MAL, RS
\$45	QC	2. QC Panel – TA, pH, VA, FSO <sub>2</sub> , TSO <sub>2</sub>
\$45	POST	3. Post Fermentation Analysis – VA, MAL, RS
\$75	STAB	4. Stability Panel – PHS, CS, RS, MAL
\$90	MIC	5. Microbiological Panel – Culturing, RS, FSO <sub>2</sub> , MEV, Sensory
\$105	STK	6. Stuck Fermentation Panel – ALC, VA, RS, MAL, MEV, Sensory
\$95	PHP	7. Phenol/Color Panel – ANTH, COAN, HUE, IPH, TPH
\$60	GJP	8. Juice Panel – BRX, FOR, PH, MAL, TA

## Phenols

\$45	ANTH	Anthocyanins - Total
\$45	COAN	Copigmented Anthocyanins
\$25	HUE	Hue
\$25	IPH	Intensity
\$25	TPH	Total Phenols

## Microbiological Profiles

\$25	MEV	Microscopic Evaluation
\$35	YCP	Yeast Culturing
\$35	BCP	Bacterial Culturing
\$75	STR	Sterility Culturing

## Sensory Evaluations

\$25	SOD	Oxidative / Degradative
\$25	PSD	Palate – Structural Defects
\$25	VSC	Volatile Sulfur Compounds