



825 Riverside Ave. #3  
 Paso Robles, CA 93446  
 www.bwga.net  
 805.226.8386

## AVAILABLE ANALYSES

| VALUE PACKS                | TESTS INCLUDED                                                                           |                              | PRICE      | VOL        |
|----------------------------|------------------------------------------------------------------------------------------|------------------------------|------------|------------|
| Wine Check                 | pH, TA, VA, FSO <sub>2</sub>                                                             |                              | \$55       | 50 mL      |
| Wine Pack                  | Alcohol, pH, TA, VA, ML, RS, GF, Lactic, Density                                         |                              | \$98       | 50 mL      |
| Full Wine Pack             | Alcohol, pH, TA, VA, ML, RS, GF, Lactic, Density, Free & Total SO <sub>2</sub>           |                              | \$120      | 50 mL      |
| Cider Pack                 | ABV, ABW, Malic, Lactic, Manual TA, Acetic Acid, pH, GF                                  |                              | \$149      | 100 mL     |
| Short Juice Pack           | Brix, pH, TA                                                                             |                              | \$33       | 50 mL      |
| Full Juice Pack            | Brix, GF, pH, TA, ML, Tartaric, Ammonia, PAN, YAN, K, VA, Lactic                         |                              | \$123      | 50 mL      |
| Disgorging Pack            | Alcohol, pH, TA, ML, FSO <sub>2</sub> , CO <sub>2</sub> , DO, Sucrose, GF                |                              | \$190      | Sealed btl |
| Tirage Pack                | YAN, Alc, pH, TA, ML, Free & Total SO <sub>2</sub> , Sucrose, GF                         |                              | \$195      | 100 mL     |
| Standard Export            | Alcohol, Citric Acid, Extract, Free & Total SO <sub>2</sub> , GF, Sorbic Acid, TA, VA    |                              | \$210      | 2 btls     |
| Japan Export               | Alcohol, Free & Total SO <sub>2</sub> , Sorbic, RS, Dry Extract                          |                              | \$145      | 2 btls     |
| Taiwan Export              | Methanol, Lead, Total SO <sub>2</sub>                                                    |                              | \$300      | 2 btls     |
| Free/Total SO <sub>2</sub> | Free & Total SO <sub>2</sub> (Free SO <sub>2</sub> : \$20, Total SO <sub>2</sub> : \$20) |                              | \$36       | 50 mL      |
| YAN                        | Yeast Available Nitrogen                                                                 |                              | \$45       | 50 mL      |
|                            | INDIVIDUAL ANALYSIS                                                                      | METHOD                       |            |            |
| ACIDS                      | Acetic Acid                                                                              | Enzymatic                    | \$28       | 50 mL      |
|                            | Citric Acid                                                                              | Enzymatic                    | \$28       | 50 mL      |
|                            | Ethyl Acetate                                                                            | Gas Chromatography           | \$99       | 50 mL      |
|                            | Gluconic Acid                                                                            | Enzymatic                    | \$38       | 50 mL      |
|                            | L-Lactic Acid                                                                            | Enzymatic                    | \$28       | 50 mL      |
|                            | Malic Acid (ML)                                                                          | Enzymatic                    | \$28       | 50 mL      |
|                            | pH                                                                                       | pH Meter                     | \$18       | 50 mL      |
|                            | Sorbic Acid                                                                              | Extraction                   | \$48       | 50 mL      |
|                            | Tartaric Acid - Juice                                                                    | FTIR                         | \$18       | 50 mL      |
|                            | Tartaric Acid - Wine                                                                     | Enzymatic                    | \$33       | 50 mL      |
|                            | Titrateable Acidity (TA)                                                                 | FTIR                         | \$15       | 50 mL      |
|                            | Titrateable Acidity                                                                      | Manual Titration             | \$24       | 50 mL      |
|                            | Volatile Acidity (VA)                                                                    | FTIR                         | \$15       | 50 mL      |
| ALCOHOL                    | Dry Extract                                                                              | NIR/Densitometer             | \$45       | 50 mL      |
|                            | Alcohol - Spirits                                                                        | NIR/Densitometer             | \$30       | 100 mL     |
|                            | Alcohol - Wine                                                                           | NIR/Densitometer             | \$28       | 50 mL      |
|                            | Methanol                                                                                 | Gas Chromatography           | \$99       | 50 mL      |
|                            | Potential Alcohol                                                                        | NIR/Densitometer             | \$65       | 50 mL      |
| METALS                     | Calcium                                                                                  | Enzymatic                    | \$33       | 50 mL      |
|                            | Copper                                                                                   | Enzymatic                    | \$33       | 50 mL      |
|                            | Iron                                                                                     | Enzymatic                    | \$33       | 50 mL      |
|                            | Potassium - Juice                                                                        | FTIR                         | \$15       | 50 mL      |
|                            | Potassium - Wine                                                                         | Enzymatic                    | \$33       | 50 mL      |
| NITROGEN                   | Alpha Amino Acids (PAN)                                                                  | Enzymatic                    | \$28       | 50 mL      |
|                            | Ammonia                                                                                  | Enzymatic                    | \$28       | 50 mL      |
| SENSORY SERVICES           | Sensory Evaluation/Troubleshoot/Wine Stylizing                                           | 1st hr \$175, each addl \$95 | \$175/\$95 | 750 mL     |
|                            | Sulfide Detection Trial                                                                  |                              | \$65       | 750 mL     |
|                            | Acid Trial                                                                               |                              | \$135      | 750 mL     |

### AVAILABLE ANALYSES

|                        | INDIVIDUAL ANALYSIS               | METHOD                       | PRICE | VOL     |
|------------------------|-----------------------------------|------------------------------|-------|---------|
| PHYSICAL<br>PARAMETERS | Bentonite Trial                   | Nephelometer                 | \$88  | 375 mL  |
|                        | Carbon Dioxide (CO <sub>2</sub> ) | Multiple Volume Expansion    | \$46  | btl/can |
|                        | CelStab Trial-White               | Conductance                  | \$110 | 375 mL  |
|                        | CelStab Trial-Rose                | Conductance                  | \$135 | 375 mL  |
|                        | Cold Stability                    | Conductance                  | \$40  | 150 mL  |
|                        | Color (A420, A520, A620 nm)       | Spectrophotometer            | \$60  | 50 mL   |
|                        | Color Stability                   | Nephelometer                 | \$30  | 50 mL   |
|                        | Density                           | Densitometer                 | \$28  | 50 mL   |
|                        | Dissolved Oxygen (DO)             | Multiple Volume Expansion    | \$41  | btl/can |
|                        | Fill Height, Pre Bottling         | Density                      | \$55  | 2 btls  |
|                        | Fill Height, Post Bottling        | Density                      | \$55  | 2 btls  |
|                        | Sterile Filtration                | Sterile Filter               | \$40  |         |
|                        | Glucan & Pectin                   | Ethanol Precipitation        | \$72  | 50 mL   |
|                        | Heat Stability                    | Nephelometer                 | \$25  | 50 mL   |
|                        | Mannostab Trial - Rose            | Conductance                  | \$176 | 375 mL  |
|                        | Mannostab Trial - White           | Conductance                  | \$143 | 375 mL  |
|                        | TPO                               | Multiple Volume Expansion    | \$55  | btl/can |
|                        | Turbidity                         | Nephelometer                 | \$15  | 50 mL   |
|                        | Zenith Trial                      | Conductance                  | \$135 | 750 mL  |
| SUGARS                 | Brix                              | Densitometer                 | \$15  | 50 mL   |
|                        | Glucose                           | Enzymatic                    | \$33  | 50 mL   |
|                        | Glucose + Fructose (GF)           | Enzymatic                    | \$28  | 50 mL   |
|                        | Fructose                          | Enzymatic                    | \$33  | 50 mL   |
|                        | Residual Sugar (RS)               | FTIR                         | \$28  | 50 mL   |
|                        | Sucrose                           | Enzymatic                    | \$33  | 50 mL   |
| MICRO SERVICES         | Bottle Sterility                  | WL Culture (Yeast/Bacteria)  | \$45  | 50 mL   |
|                        | Brett DNA                         | PCR                          | \$66  | 1 btl   |
|                        | Yeast Cell Count & Viability      | Flow Cytometer               | \$65  | 50 mL   |
|                        | Microscan                         | Microscope                   | \$32  | 50 mL   |
|                        | Ochratoxin-A                      | ELISA                        | \$260 | 50 mL   |
|                        | WL Culture                        | Yeast and Bacteria Plating   | \$45  | 50 mL   |
| BEER & CIDER           | ABV or ABW                        | NIR/Densitometer             | \$30  | 50 mL   |
|                        | Calories                          | NIR/Densitometer             | \$30  | 50 mL   |
|                        | IBU                               | Extraction                   | \$40  | 50 mL   |
|                        | Real Extract                      | NIR/Densitometer             | \$30  | 100 mL  |
|                        | Specific Gravity                  | Densitometer                 | \$30  | 50 mL   |
| MISC LAB SERVICES      | Grape Sample Prep                 | Crush, Centrifuge            | \$40  |         |
|                        | Reissue                           | Reissue of Export Documents  | \$17  |         |
|                        | Rush                              | Export Analysis Rush (24hrs) | \$39  |         |
|                        | Consulting                        | Per hour                     | \$250 |         |