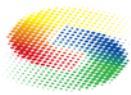


| Export Certificates | Item code | Price Per Sample Pre GST | Price Per Sample (GST Included) |
|---|----------------------------------|--|--|
| Repeat/Re-issue Certificates/Urgent | | | |
| Repeat/Re-issue Certificates | RE_ISSUE_FEE | \$ 31.50 | \$ 34.65 |
| Urgent fee | 30% - 50% per certificate | | |
| Dry still wine (< 30 g/L sugar) | | | |
| Single Export Certificates / Bottles Required: 2x750 mL / Turnaround Time: 24 - 48 hours / 3x750mL Brazil Turnaround Time: 15 Days | | | |
| Brazil Certificate of Analysis (dry wine) | BRAZIL_DRY | 1-4 samples \$421.00 5-9 samples \$350.00 10+ samples \$340.00 | 1-4 samples \$463.10 5-9 samples \$385.00 10+ samples \$374.00 |
| Certificate of Analysis | COA_DRY | \$ 63.00 | \$ 69.30 |
| Certificate of Analysis with rebelein sugar | COA_DRY_REB | \$ 89.25 | \$ 98.18 |
| Certificate of Analysis for China | COA_CHINA_DRY | POA | POA |
| Japanese Export Certificate | JAP_DRY | \$ 94.50 | \$ 103.95 |
| Taiwanese Certificate | TAI | \$ 14.70 | \$ 16.17 |
| VI1 Bulk Certificate | VI1B_DRY | \$ 136.50 | \$ 150.15 |
| VI1 Packaged Certificate | VI1P_DRY | \$ 47.25 | \$ 51.98 |
| Combination Export Certificates | | | |
| Certificate of Analysis, Japanese | COA_JAP_DRY | \$ 136.50 | \$ 150.15 |
| Certificate of Analysis, Japanese & VI1 Bulk | COA_JAP_VI1B_DRY | \$ 246.75 | \$ 271.43 |
| Certificate of Analysis, Japanese & VI1 Packaged | COA_JAP_VI1P_DRY | \$ 152.25 | \$ 167.48 |
| Certificate of Analysis & VI1 Bulk | COA_VI1B_DRY | \$ 183.75 | \$ 202.13 |
| Certificate of Analysis & VI1 Packaged | COA_VI1P_DRY | \$ 78.75 | \$ 86.63 |
| Certificate of Analysis, VI1 Bulk & VI1 Packaged | COA_VI1B_VI1P_DRY | \$ 210.00 | \$ 231.00 |
| Japanese & VI1 Bulk | JAP_VI1B_DRY | \$ 204.75 | \$ 225.23 |
| Japanese & VI1 Packaged | JAP_VI1P_DRY | \$ 105.00 | \$ 115.50 |
| VI1 Bulk & VI1 Packaged | VI1B_VI1P_DRY | \$ 173.25 | \$ 190.58 |
| VI1 Bulk, VI1 Packaged & Japanese | VI1B_VI1P_JAP_DRY | \$ 241.50 | \$ 265.65 |
| Sweet still, sparkling and fortified wine (> 30 g/L sugar and < 21% v/v alcohol) | | | |
| Single Export Certificates | | | |
| Brazil Certificate of Analysis (sweet wine) | BRAZIL_SWEET | 1-4 samples \$457.00 5-9 samples \$386.00 10+ samples \$376.00 | 1-4 samples \$502.70 5-9 samples \$424.60 10+ samples \$413.60 |
| Brazil Certificate of Analysis (sparkling wine) | BRAZIL_SPARKLING | 1-4 samples \$469.00 5-9 samples \$398.00 10+ samples \$388.00 | 1-4 samples \$515.90 5-9 samples \$437.80 10+ samples \$426.80 |
| Taiwanese Certificate (Aspiration SO2) | TAI_REF | \$ 21.00 | \$ 23.10 |
| Certificate of Analysis | COA_SWEET | \$ 63.00 | \$ 66.15 |
| Certificate of Analysis with rebelein | COA_SWEET_REB | \$ 89.25 | \$ 93.71 |
| Japanese Export Certificate | JAP_SWEET | \$ 94.50 | \$ 103.95 |
| VI1 Bulk Certificate | VI1B_SWEET | \$ 136.50 | \$ 150.15 |
| VI1 Packaged Certificate | VI1P_SWEET | \$ 47.25 | \$ 51.98 |
| Combination Export Certificates | | | |
| Certificate of Analysis & Japanese | COA_JAP_SWEET | \$ 136.50 | \$ 150.15 |
| Certificate of Analysis, Japanese & VI1 Bulk | COA_JAP_VI1B_SWEET | \$ 246.75 | \$ 271.43 |
| Certificate of Analysis, Japanese & VI1 Packaged | COA_JAP_VI1P_SWEET | \$ 152.25 | \$ 167.48 |
| Certificate of Analysis & VI1 Bulk | COA_VI1B_SWEET | \$ 183.75 | \$ 202.13 |
| Certificate of Analysis, VI1 Bulk & VI1 Packaged | COA_VI1B_VI1P_SWEET | \$ 210.00 | \$ 231.00 |
| Certificate of Analysis & VI1 Packaged | COA_VI1P_SWEET | \$ 78.75 | \$ 86.63 |
| Japanese & VI1 Bulk | JAP_VI1B_SWEET | \$ 204.75 | \$ 225.23 |
| Japanese & VI1 Packaged | JAP_VI1P_SWEET | \$ 105.00 | \$ 115.50 |
| VI1 Bulk, VI1 Packaged & Japanese | VI1B_VI1P_JAP_SWEET | \$ 241.50 | \$ 265.65 |
| VI1 Bulk & VI1 Packaged | VI1B_VI1P_SWEET | \$ 173.25 | \$ 190.58 |
| Fortified wines and Spirits (> 21% v/v alcohol) | | | |
| Single Export Certificates | | | |
| Certificate of Analysis by Reference | COA_REF | \$ 169.05 | \$ 185.95 |
| VI1 Packaged Certificate by Reference | VI1P_REF | \$ 60.90 | \$ 66.99 |
| Combination Export Certificates | | | |
| Certificate of Analysis & VI1 Packaged by Reference | COA_VI1P_REF | \$ 184.80 | \$ 203.28 |
| All wine types (DRY, SPARKLING, SEMI-SWEET or SWEET) | | | |
| Export Upgrades ** Contact Customer Service on 08 8313 6600 or commercialservices@awri.com.au to discuss if cellar sample is available/required. | | | |
| Upgrade to Certificate of Analysis by Reference | UP_COA_REF | \$ 58.80 | \$ 64.68 |
| Upgrade of Brazil Certificate | UP_BRAZIL | POA | POA |
| Upgrade to Certificate of Analysis | UP_COA_... | \$ 52.50 | \$ 57.75 |
| Upgrade to Japanese Export Certificate | UP_JAP_... | \$ 84.00 | \$ 92.40 |
| Upgrade to VI1 Bulk Certificate | UP_VI1B_... | \$ 126.00 | \$ 138.60 |
| Upgrade to VI1 Packaged Certificate | UP_VI1P_... | \$ 42.00 | \$ 46.20 |



General Analysis

| Item code | Price Per Sample Pre | Price Per Sample | Volume required | Estimated turnaround time | Instrument/ method used | |
|---|---|------------------|-----------------|---------------------------|--------------------------|---|
| Items in blue indicate analysis sent to an external laboratory | | | | | | |
| Items in green indicate analysis discounts may apply for sample numbers greater than 8 - contact Customer Service for further details | | | | | | |
| *Calculation may require other analytical parameters in order to obtain result | | | | | | |
| Repeat/Re-issue Certificates / Urgent Fees | | | | | | |
| Repeat/Re-issue Certificates | RE_ISSUE_FEE | \$ 31.50 | \$ 34.65 | N/A | 24 hours | N/A |
| Urgent fee | 30% - 50% per analysis | | | N/A | Contact Customer Service | |
| A | | | | | | |
| Acetaldehyde | ACETALDHYDE | \$ 175.00 | \$ 192.50 | 155 mL | 15 days | GCMS |
| Acetic acid (Volatile Acid as acetic acid) | ACETIC_REF | \$ 36.75 | \$ 40.43 | 10 mL | 24 hours | Gallery - Enzymatic |
| Acetic acid by HPLC | ACETIC_HPLC | \$ 63.00 | \$ 69.30 | 10 mL | 72 hours | HPLC |
| Acetic acid by WineScan (wines < 30g/L sugar) | ACETIC_WS | \$ 10.50 | \$ 11.55 | 200 mL | 24 hours | WineScan |
| Alcohol by Densitometry | ALCD | \$ 31.50 | \$ 34.65 | 250 mL | 24 hours | Distillation |
| Alcohol by NIR | ALC_NIR | \$ 18.90 | \$ 20.79 | 100 mL | 24 hours | NIR |
| Total Alcohol (calculation using alcohol & glucose & fructose) | ALC_T | \$ 10.50 | \$ 11.55 | 50 - 250 mL | 24 hours | WineScan / NIR / Distillation / Enzymatic |
| Alcohol - Vinegar Samples | ALC_VINEGAR | \$ 31.50 | \$ 34.65 | 50 - 250 mL | 24 hours | Distillation/NIR |
| Alcohol by WineScan (wines < 30 g/L sugar) (Range 10.0 to 16.5 % v/v). | ALC_WS | \$ 10.50 | \$ 11.55 | 200 mL | 24 hours | WineScan |
| Alcohol Standard (analysis of Alcohol Standard) | ALCOHOL_STD | \$ 18.90 | \$ 20.79 | 50 mL | 24 hours | Densitometer |
| Allergen - total egg white and milk protein residue | ALLERGEN_COMBO | \$ 210.00 | \$ 231.00 | 10 mL | 72 hours | Egg & milk ELISA kit |
| Alpha amino nitrogen | ALPHA-AMINO-N | \$ 27.30 | \$ 30.03 | 10 mL | 24 hours | Enzymatic |
| Aluminium | ALUMINIUM | \$ 120.00 | \$ 132.00 | 155 mL | 15 days | ICP/MS |
| Amino acid profile (juice, wine) | AMINO-01 | \$ 236.25 | \$ 259.88 | 5 mL | 15 days | LC/MS/MS |
| Amino acid profile (grapes) | AMINO-02 | \$ 236.25 | \$ 259.88 | 200 g | 15 days | LC/MS/MS |
| Ammonia | AMMONIA | \$ 27.30 | \$ 30.03 | 10 mL | 24 hours | Enzymatic |
| Anthocyanin diglucosides - qualitative (presence or absence) | ANTH_DIGLUC | \$ 31.50 | \$ 34.65 | 10 mL | 24 hours | UV light |
| Antimony (liquid) | ANTIMONY-01 | \$ 120.00 | \$ 132.00 | 155 mL | 15 days | ICP/MS |
| Antimony (grapes, raw material and other solids) | ANTIMONY-02 | \$ 120.00 | \$ 132.00 | 50 g | 15 days | ICP/MS |
| Arsenic (water, wine) | METALS_SCREEN_SINGLE | \$ 31.50 | \$ 34.65 | 15 mL | 48 hours | ICP/MS |
| Arsenic (ciders, fortifieds, juice) | ARSENIC-01 | \$ 120.00 | \$ 132.00 | 155 mL | 15 days | ICP/MS |
| Arsenic (grapes, raw material and other solids) | ARSENIC-02 | \$ 120.00 | \$ 132.00 | 50 g | 15 days | ICP/MS |
| Ascorbic acid | ASCORBIC | \$ 42.00 | \$ 46.20 | 10 mL | 72 hours | HPLC |
| Ascorbic acid purity (codex testing) | ASCORBIC_PURITY | \$ 18.90 | \$ 20.79 | 10 g | 48 hours | Titration / FCC |
| Ash | ASH | \$ 75.00 | \$ 82.50 | 155 mL / 50 g | 15 days | Ignition at 550°C |
| B | | | | | | |
| Basic vintage panel (brix, pH & titratable acidity pH 8.2) - grapes, juice | BASIC_VINTAGE_PANEL | \$ 25.20 | \$ 27.72 | 200 grams berries / 50 mL | 24 hours | Refractometer / Titramaster |
| Baume (calculation with brix)* | BAUME | \$ 10.50 | \$ 11.55 | 200 grams berries / 10 mL | 24 hours | Refractometer |
| Bentonite trial (please submit bentonite sample) | BENTONITE_TRIAL | \$ 94.50 | \$ 103.95 | 2 x 750 mL | 5 days | Nephelometer |
| Benzoic acid | BENZOIC ACID | \$ 185.00 | \$ 203.50 | 155 mL | 15 days | HPLC |
| Berry weight | BERRY_WEIGHT | \$ 4.20 | \$ 4.62 | N/A | 24 hours | Scales |
| Boron | BORON | \$ 120.00 | \$ 132.00 | 155 mL | 15 days | ICP/MS |
| Bottle pressure (kpa / bar / atm) | BOTTLE_PRESSURE_BAR BOTTLE_PRESSURE_KPA BOTTLE_PRESSURE_ATM | \$ 12.60 | \$ 13.86 | 750 mL | 24 hours | Pressure gauge |
| Brettanomyces (micro plating) | BRETTANOMYCES | \$ 63.00 | \$ 69.30 | 750 mL | 12 days | Filter/Incubate |
| Brettanomyces bruxellensis (vinoBrett using Veriflow™) | BRETT_VERIFLOW | \$ 84.00 | \$ 92.40 | 50 mL | 48 hours | Veriflow™ vinoBrett |
| Brix | BRIX | \$ 10.50 | \$ 11.55 | 200 grams berries / 10 mL | 24 hours | Refractometer |
| C | | | | | | |
| C6-Compounds (aldehydes, hexanol, hexanal) | C6_ALDEHYDES_HEXANOL | \$ 162.75 | \$ 179.03 | 100 mL | 15 days | GCMS |
| Cadmium (water, wine) | METALS_SCREEN_SINGLE | \$ 31.50 | \$ 34.65 | 15 mL | 48 hours | ICP/MS |
| Cadmium (ciders, fortifieds, juice) | CADMIUM-01 | \$ 120.00 | \$ 132.00 | 155 mL | 15 days | ICP/MS |
| Cadmium (grapes, raw material and other solids) | CADMIUM-02 | \$ 120.00 | \$ 132.00 | 50 g | 15 days | ICP/MS |
| Calcium (water, wine) | CALCIUM_ICP | \$ 31.50 | \$ 34.65 | 15 mL | 48 hours | ICP/MS |
| Calcium (grapes, juice, fortified) | CALCIUM_ICP_JF | \$ 41.50 | \$ 45.65 | 15 mL | 48 hours | ICP/MS |
| Carbon dioxide and dissolved oxygen | CO2_O2 | \$ 18.90 | \$ 20.79 | 1 full bottle (min 150mL) | 24 hours | Cbox |

| General Analysis | Item code | Price Per Sample Pre | Price Per Sample | Volume required | Estimated turnaround time | Instrument/ method used |
|---|------------------------------|--------------------------|------------------|---------------------------|---------------------------|---|
| Carfentrazone ethyl | CARFENTRAZONE_ETHYL | \$ 399.00 | \$ 438.90 | 100mL or 100g | 15 days | GCMS |
| Catalase | CATALASE | \$ 10.50 | \$ 11.55 | 500 mL or plate | 24 - 72 hours | Plating |
| Chloride (as total chloride) (liquid) | CHLORIDE-01 (1-4 samples) | \$190.00 | \$209.00 | 50 mL | 15 days | Ion Chromatography |
| | (5-9 samples) | \$119.00 | \$130.90 | | | |
| | (10+ samples) | \$109.00 | \$119.90 | | | |
| Chloride (as total chloride) (grapes, raw material and other solids) | CHLORIDE-02 (1-4 samples) | \$219.00 | \$240.90 | 50 g | 15 days | Ion Chromatography |
| | (5-9 samples) | \$148.00 | \$162.80 | | | |
| | (10+ samples) | \$138.00 | \$151.80 | | | |
| Chlorophenols (wine) | CHLORO_01 | \$ 158.55 | \$ 174.40 | 50 mL | 10 days | GCMS |
| Chromium (water, wine) | METALS_SCREEN_SINGLE | POA | POA | 15 mL | 48 hours | ICP/MS |
| Chromium (ciders, fortifieds, juice) | CHROMIUM | \$ 120.00 | \$ 132.00 | 155 mL | 15 days | ICP/MS |
| 1,8-Cineole (Eucalyptol) | EUCALYPTOL | \$ 136.50 | \$ 150.15 | 50 mL | 10 days | GCMS |
| Citric acid | CITRIC_REF | \$ 31.50 | \$ 34.65 | 10 mL | 24 hours | Gallery - Enzymatic |
| Citric acid by HPLC | CITRIC_HPLC | \$ 63.00 | \$ 69.30 | 10 mL | 72 hours | HPLC |
| Citric acid purity (codex testing) | CITRIC_PURITY | \$ 18.90 | \$ 20.79 | 5 g | 48 hours | Titration / FCC |
| Cobalt (water, wine) | METALS_SCREEN_SINGLE | \$ 31.50 | \$ 34.65 | 15 mL | 48 hours | ICP/MS |
| Cobalt (ciders, fortifieds, juice) | COBALT-01 | \$ 120.00 | \$ 132.00 | 155 mL | 15 days | ICP/MS |
| Cobalt (grapes, raw material and other solids) | COBALT-02 | \$ 120.00 | \$ 132.00 | 50 g | 15 days | ICP/MS |
| Codex testing for Ascorbic acid | CODEX_ASC | \$ 405.00 | \$ 445.50 | 200 g | 15 days | FCC |
| Codex testing for Citric acid | CODEX_CITRIC | \$ 387.00 | \$ 425.70 | 200 g | 15 days | FCC |
| Codex testing for DAP | CODEX_DAP | \$ 340.00 | \$ 374.00 | 200 g | 15 days | FCC |
| Codex testing for DL Malic acid | CODEX_DL_MALIC | \$ 733.00 | \$ 806.30 | 200 g | 15 days | FCC |
| Codex testing for erythorbic acid | CODEX_ERYTHORBIC | \$ 415.00 | \$ 456.50 | 200 g | 15 days | FCC |
| Codex testing for L+ Malic acid | CODEX_L_MALIC | \$ 733.00 | \$ 806.30 | 200 g | 15 days | FCC |
| Metal Screen 9 for Codex | CODEX_METAL_SCREEN9 | \$ 150.00 | \$ 165.00 | 200 g | 15 days | FCC |
| Codex testing for PMS | CODEX_PMS | \$ 425.00 | \$ 467.50 | 200 g | 15 days | FCC |
| Codex testing for potassium bicarbonate | CODEX_POT_BICARB | \$ 343.00 | \$ 377.30 | 200 g | 15 days | FCC |
| Codex testing for potassium carbonate | CODEX_POT_CARB | \$ 397.00 | \$ 436.70 | 200 g | 15 days | FCC |
| Codex testing for potassium sorbate | CODEX_POT_SORB | \$ 398.00 | \$ 437.80 | 200 g | 15 days | FCC |
| Codex testing for PVPP | CODEX_PVPP | \$ 480.00 | \$ 528.00 | 200 g | 15 days | FCC |
| Codex testing for Tartaric acid | CODEX_TARTARIC | \$ 665.00 | \$ 731.50 | 200 g | 15 days | FCC |
| Codex testing for thiamine hydrochloride | CODEX_THIAMINE_HYDRO | \$ 832.00 | \$ 915.20 | 200 g | 15 days | FCC |
| Cold stability (3 day) | COLD | \$ 24.15 | \$ 26.57 | 200 mL | 4 days | -4 °C bath |
| Cold (3 day) and heat stability | STABILITY_COMBO | \$ 42.00 | \$ 46.20 | 200 mL | 4 days | -4 & 80 °C baths |
| Red grape colour profile using modified somers | COL_PROFILE_RG | \$ 42.00 | \$ 46.20 | 200 grams of berries | 48 hours | UV-Vis |
| Red wine colour profile using modified somers | COL_PROFILE_RW | \$ 21.00 | \$ 23.10 | 20 mL | 48 hours | UV-Vis |
| Red wine colour profile with tannin | COL_TAN_PROFILE_RW | \$ 26.25 | \$ 28.88 | 20 mL | 48 hours | UV-Vis |
| Colour intensity OIV (calculation using 420 nm, 520 nm & 620 nm)* | COLOUR_OIV | \$ 10.50 | \$ 11.55 | 10 mL | 24 hours | UV-Vis / Calculation |
| Conductivity (not cold stability related) | CONDUCTIVITY | \$ 10.50 | \$ 11.55 | 100 mL | 24 hours | Conductivity Meter |
| Copper (water, wine) | COPPER_ICP | \$ 31.50 | \$ 34.65 | 15 mL | 48 hours | ICP/MS |
| Copper (grapes, juice, fortified) | COPPER_ICP_JF | \$ 41.50 | \$ 45.65 | 15 mL | 48 hours | ICP/MS |
| Cyanide (as total cyanide) | CYANIDE | \$ 260.00 | \$ 286.00 | 155 mL | 15 days | Discrete Analyser |
| D | | | | | | |
| 2,4 - D (wine) | 2_4D-01 | \$ 194.25 | \$ 213.68 | 100 mL | 10 days | LC/MS/MS |
| 2,4 - D (grapes) | 2_4D-02 | \$ 210.00 | \$ 231.00 | 500 g | 10 days | LC/MS/MS |
| DAP purity (codex testing) | dd | \$ 18.90 | \$ 20.79 | 10 g | 48 hours | Titration / FCC |
| Density | DENSITY | \$ 21.00 | \$ 23.10 | 25 mL | 24 hours | Density meter |
| Density (calculation from SG) | DENSITY_CALC | \$ 10.50 | \$ 11.55 | N/A | 24 hours | Calculation |
| Diacetyl | DIACETYL | \$ 170.10 | \$ 187.11 | 50 mL | 10 days | GCMS |
| Dithiocarbamates (as CS ₂) | DITHIOCARBAMATES | \$ 326.00 | \$ 358.60 | 155 mL / 50 g | 20 days | GCMS |
| Dissolved oxygen and carbon dioxide | CO2_O2 | \$ 18.90 | \$ 20.79 | 1 full bottle (min 150mL) | 24 hours | Cbox |
| Dry matter (berries) | DRY_MATTER | \$ 26.25 | \$ 28.87 | 50g | 48 hours | Oven / scales |
| E | | | | | | |
| Egg white protein residue | EGG | \$ 115.50 | \$ 127.05 | 10 mL | 72 hours | ELISA kit |
| Egg white and milk protein residue | ALLERGEN_COMBO | \$ 210.00 | \$ 231.00 | 10 mL | 72 hours | ELISA kit |
| Ellagitannins (expressed as bound ellagic acid) | ELLAGITANNINS | Contact customer service | | | | HPLC |
| End of Ferment Panel (Acetic, Alc, GluFru, Malic, pH, SG, TA70,TA82) | END_OF_FERMENT_PANEL | \$ 85.00 | \$ 93.50 | 250 mL | 24 hours | Discrete Analyser / NIR / Density Meter / Electrode / Titration |
| Energy value calculation only (calorie or kilojoules)* | ENERGY_CAL ENERGY_KJ | \$ 10.50 | \$ 11.55 | N/A | 24 hours | Calculation |

| General Analysis | Item code | Price Per Sample Pre | Price Per Sample | Volume required | Estimated turnaround time | Instrument/ method used |
|--|---|----------------------|------------------|-----------------|---------------------------|-------------------------|
| Energy value for dry wines (< 30g/L sugar) (calorie or kilojoules, calculation with alcohol & glucose + fructose) | ENERGY_CAL_DRY ENERGY_KJ_DRY | \$ 31.50 | \$ 34.65 | 750 mL | 24 hours | WineScan |
| Energy value for sparkling wines (calorie or kilojoules, calculation with alcohol & glucose + fructose) | ENERGY_CAL_SPARKLING ENERGY_KJ_SPARKLING | \$ 66.15 | \$ 72.77 | 750 mL | 24 hours | NIR / Rebelein |
| Energy value for semi-sweet and sweet wines (calorie or kilojoules, calculation with alcohol & glucose + fructose) | ENERGY_CAL_SWEET ENERGY_KJ_SWEET | \$ 60.90 | \$ 66.99 | 750 mL | 24 hours | NIR / Enzymatic |
| Erythorbic acid by HPLC | ERYTHORBIC | \$ 69.30 | \$ 76.23 | 10 mL | 72 hours | HPLC |
| Erythorbic purity | ERYTHORBIC_PURITY | \$ 18.90 | \$ 20.79 | 10 g | 48 hours | Titration / FCC |
| Ethanol by GC | ETHANOL_GC | \$ 173.25 | \$ 190.58 | 155 mL | 15 days | GCMS |
| Ethyl acetate | ETHYL ACETATE | \$ 173.25 | \$ 190.58 | 155 mL | 15 days | GCMS |
| Ethyl carbamate | ETHYL_CARB | \$ 189.00 | \$ 207.90 | 100 mL | 10 days | GCMS |
| *Ethylene glycol (included in glycol group) | ETHYLENE_GLYCOL (1-2 Samples) | \$ 635.00 | \$ 698.50 | On request | On request | |
| | ETHYLENE_GLYCOL (3+ Samples) | \$ 241.00 | \$ 265.10 | | | |
| 4-ethylphenol & 4-ethylguaiaacol (wine) | 4EP-01 | \$ 89.25 | \$ 98.18 | 50 mL | 4 - 7 days | GCMS |
| Eucalyptol (1,8-cineole) | EUCALYPTOL | \$ 136.50 | \$ 150.15 | 50 mL | 10 days | GCMS |
| Extraction force | EXTRACTION_F | \$ 14.70 | \$ 16.17 | 750 mL | 24 hours | Extraction gauge |
| F | | | | | | |
| Filterability | FILTERABILITY | \$ 31.50 | \$ 34.65 | 750 mL | 24 hours | Filtration apparatus |
| Fluoride (liquid) | FLUORIDE-01 | \$ 145.00 | \$ 159.50 | 155 mL | 15 days | ISE |
| Fluoride (grapes, raw material and other solids) | FLUORIDE-02 | \$ 145.00 | \$ 159.50 | 50 g | 15 days | ISE |
| Fructose | FRUCTOSE | \$ 31.50 | \$ 34.65 | 10 mL | 24 hours | Enzymatic |
| Fructose by HPLC | FRUCTOSE_HPLC | \$ 63.00 | \$ 69.30 | 10 mL | 72 hours | HPLC |
| G | | | | | | |
| Geosmin | GEOSMIN | POA | | 50 mL | 15 days | GCMS |
| Gluconic acid by Gallery | GLUCONIC_ACID | \$ 50.00 | \$ 55.00 | 10 mL | 24 hours | Discrete Analyser |
| Glucose + Fructose | GLU_FRU_REF | \$ 31.50 | \$ 34.65 | 10 mL | 24 hours | Gallery - Enzymatic |
| Glucose + Fructose by Winescan (wines < 30 g/L sugar) | GLU_FRU_WS | \$ 10.50 | \$ 11.55 | 200 mL | 24 hours | WineScan |
| Glucose | GLUCOSE_REF | \$ 31.50 | \$ 34.65 | 10 mL | 24 hours | Gallery - Enzymatic |
| Glucose by HPLC | GLUCOSE_HPLC | \$ 63.00 | \$ 69.30 | 10 mL | 72 hours | HPLC |
| Glycerol | GLYCEROL_HPLC | \$ 63.00 | \$ 69.30 | 10 mL | 72 hours | HPLC |
| *Glycols (Propylene glycol, ethylene glycol, diethylene glycol) | GLYCOLS (1-2 Samples) | \$ 805.00 | \$ 885.50 | On request | On request | |
| | GLYCOLS (3+ Samples) | \$ 297.00 | \$ 326.70 | | | |
| Glyphosate | Contact Customer Service | | | | | |
| H | | | | | | |
| Halogenated phenols - quantitative (amount present) (juice, wine) | HALOPH-01 | \$ 299.25 | \$ 329.18 | 500 mL | 10 days | GCMS |
| Halogenated phenols - quantitative (amount present) (solids) | HALOPH-02 | \$ 441.00 | \$ 485.10 | 20 g | 15 days | GCMS |
| Heat stability (6hr red / rosé and 2hr white) | HEAT | \$ 24.15 | \$ 26.57 | 100 mL | 48 hours | 80 °C bath |
| Heat and cold stability (3 day) | STABILITY_COMBO | \$ 42.00 | \$ 46.20 | 200 mL | 4 days | -4 & 80 °C baths |
| Higher alcohol screen by GC | HIALCOHOL | \$ 173.25 | \$ 190.58 | 155 mL | 15 days | GCMS |
| Homogenise (berries) | HOMOGENISE | \$ 26.25 | \$ 28.88 | 200 g | 24 hours | Retsch |
| Histamine and Tyramine | HIST-01 | \$ 138.60 | \$ 152.46 | 50mL | 10 days | LC/MS/MS |
| I | | | | | | |
| Indole | INDOLE | \$ 173.25 | \$ 190.58 | 50 mL | 10 days | GCMS |
| IR Investigation of crystals | IR_INVESTIGATION | \$ 189.00 | \$ 207.90 | 1 g | 5 days | FTIR |
| Iron (water, wine) | IRON_ICP | \$ 31.50 | \$ 34.65 | 15 mL | 48 hours | ICP/MS |
| Iron (grapes, juice, fortified) | IRON_ICP_JF | \$ 41.50 | \$ 45.65 | 15 mL | 48 hours | ICP/MS |
| K | | | | | | |
| KHT Purity (Cream of Tartar) | KHT_PURITY | \$18.90 | \$ 20.79 | 10 g | 24 hours | Titration / FCC |
| L | | | | | | |
| Laccase activity (grapes, juice, wine) | LACCASE | \$ 44.10 | \$ 48.51 | 20 mL | 24 hours | Laccase kit |
| Lactic acid | LACTIC_HPLC | \$ 63.00 | \$ 69.30 | 10 mL | 72 hours | HPLC |
| Lead (water, wine) | METALS_SCREEN_SINGLE | \$ 31.50 | \$ 34.65 | 15 mL | 48 hours | ICP/MS |
| Lead (fortifieds, juice and ferments) | LEAD-01 | \$ 120.00 | \$ 132.00 | 155mL | 15 days | ICP/MS |
| Lead (grapes, raw material and other solids) | LEAD-02 | \$ 120.00 | \$ 132.00 | 50 g | 15 days | ICP/MS |
| Lithium (water, wine) | METALS_SCREEN_SINGLE | \$ 31.50 | \$ 34.65 | 15 mL | 48 hours | ICP/MS |
| Low molecular weight sulfides | LMWS | \$ 194.25 | \$ 213.68 | 100 mL | On request | GC-SCD |
| M | | | | | | |
| Magnesium (water, wine) | METALS_SCREEN_SINGLE | \$ 31.50 | \$ 34.65 | 15 mL | 48 hours | ICP/MS |
| Magnesium (fortifieds, juice and ferments) | MAGNESIUM | \$ 120.00 | \$ 132.00 | 155mL | 15 days | ICP-OES |
| Malic acid | MALIC_REF | \$ 26.25 | \$ 28.88 | 10 mL | 24 hours | Gallery - Enzymatic |
| Malic acid by WineScan (wines < 30 g/L sugar) | MALIC_WS | \$ 10.50 | \$ 11.55 | 200 mL | 24 hours | WineScan |
| Malic acid by HPLC | MALIC_HPLC | \$ 63.00 | \$ 69.30 | 10 mL | 72 hours | HPLC |
| Malic acid purity (codex testing) | MALIC_PURITY | \$ 18.90 | \$ 20.79 | 10 g | 48 hours | Titration / FCC |
| Malvidin-3,5-diglucoside (quantitative amount present) | MALVIDIN-3-5-DIGLUC | \$ 101.85 | \$ 112.04 | 10 mL | 72 hours | HPLC |

| General Analysis | Item code | Price Per Sample | Price Per Sample | Volume required | Estimated turnaround time | Instrument/ method used |
|--|---|------------------|------------------|-----------------|---------------------------|--|
| Manganese (wine) | MANGANESE_ICP | \$ 31.50 | \$ 34.65 | 15 mL | 48 hours | ICP/MS |
| Manganese (grapes, juice, fortified) | MANGANESE_ICP_JF | \$ 41.50 | \$ 45.65 | 15 mL | 48 hours | ICP/MS |
| Mercury (liquid) | MERCURY-01 | \$ 120.00 | \$ 132.00 | 155 mL | 15 days | ICP/MS |
| Mercury (grapes, raw material and other solids) | MERCURY-02 | \$ 120.00 | \$ 132.00 | 50 g | 15 days | ICP/MS |
| Metals (copper & iron by ICP) (wine) | METALS_CU_FE | \$ 52.50 | \$ 57.75 | 15 mL | 48 hours | ICP/MS |
| Metals (copper & iron by ICP) (grapes, juice, fortified) | METALS2_JF | \$ 62.50 | \$ 68.75 | 15 mL | 48 hours | ICP/MS |
| Metals group (water, wine) - calcium, potassium, sodium, iron, copper & manganese | METALS_GROUP | \$ 68.25 | \$ 75.08 | 15 mL | 48 hours | ICP/MS |
| Metals group (grapes, juice, fortified) - calcium, potassium, sodium, iron, copper & manganese | METALS_GROUP_JF | \$ 78.25 | \$ 86.07 | 15 mL | 48 hours | ICP/MS |
| Metals for China (manganese, copper & iron) | METALS_CHINA | \$ 68.25 | \$ 75.08 | 15 mL | 48 hours | ICP/MS |
| Metal Screen by ICP 20 metals (water, wine) As,Cd,Ca,Cr,Co,Cu,Fe,Pb,Li,Mn,Mg,Ni,K,Se,Ag,Na,Sr,Sn,V,Zn | METALS_SCREEN | \$ 105.00 | \$ 115.50 | 15 mL | 48 hours | ICP/MS |
| Metal Screen by ICP 20 metals (grapes, juice, fortified) As,Cd,Ca,Cr,Co,Cu,Fe,Pb,Li,Mn,Mg,Ni,K,Se,Ag,Na,Sr,Sn,V,Zn | METALS_SCREEN_JF | \$ 115.00 | \$ 126.50 | 15 mL | 48 hours | ICP/MS |
| Metals Screen Single (water, wine) As,Cd,Cr,Co,Pb,Li,Mg,Ni,Se,Ag,Sr,Sn,V,Zn | METALS_SCREEN_SINGLE | \$ 31.50 | \$ 34.65 | 15mL | 48 hours | ICP/MS |
| Metals Screen Single (grapes, juice, fortified) As,Cd,Cr,Co,Pb,Li,Mg,Ni,Se,Ag,Sr,Sn,V,Zn | METALS_SCREEN_SINGLE_JF | \$ 41.50 | \$ 45.65 | 15mL | 48 hours | ICP/MS |
| Metal Screen 9 (grapes, raw material and other solids) (Sb, As, Cd, Cu, Pb, Hg, Se, Sn, Zn) | METAL_SCREEN9 | \$ 220.00 | \$ 242.00 | 155 mL / 50 g | 15 days | ICP/MS |
| Methanol | METHANOL_GC | \$ 89.25 | \$ 98.18 | 25ml | 10 days | GC-FID |
| Methanol by GC (calculation only) (mg MeOH/L EtOH) | METHANOL_GC_CALC | \$ 10.50 | \$ 11.55 | N/A | 11 Days (10+1day) | Calculation |
| Methanol by GC (mg MeOH/L) (Includes Alcohol by WineScan and Methanol) | METHANOL_CALC_DRY | \$ 110.25 | \$ 121.28 | 150ml | 10 days | WineScan / GC-FID |
| Methanol by GC in mg MeOH/L EtOH for Sweet and sparkling wine >30g/L sugar (Includes Alcohol by NIR and Methanol) | METHANOL_GC_CALC_SW | \$ 118.65 | \$ 130.52 | 100ml | 10 days | NIR / GC-FID |
| Methoxy-pyrazines (wine) | METHOXY-01 | \$ 168.00 | \$ 184.80 | 50 mL | 10 days | GCMS |
| Methoxy-pyrazines (grapes) | METHOXY-02 | \$ 199.50 | \$ 219.45 | 500 g | 10 days | GCMS |
| Microorganism ID | MICRO_ID | \$ 210.00 | \$ 231.00 | 750 mL or plate | On request | DNA sequencing |
| Microscopic perusal | MICRO_PERUSAL | \$ 57.75 | \$ 63.53 | 750 mL | 24 hours | Microscope |
| Milk protein residue | MILK | \$ 115.50 | \$ 127.05 | 10 mL | 72 hours | ELISA kit |
| Milk and egg white protein residue | ALLERGEN_COMBO | \$ 210.00 | \$ 231.00 | 10 mL | 72 hours | ELISA kit |
| Multi-residue assay for wine (GCMS and LCMS) | AGROCHEM_01 | \$ 215.00 | \$ 236.50 | 100mL | 10 days | LC/MS/MS + GC/MS/MS |
| Multi-residue assay in grapes (GCMS and LCMS) | AGROCHEM_02 | \$ 250.00 | \$ 275.00 | 500g | 10 days | LC/MS/MS + GC/MS/MS |
| Multi-residue assay LCMS (wine) | LCMS-01 | \$ 194.25 | \$ 213.68 | 100 mL | 10 days | LC/MS/MS |
| Multi-residue assay LCMS (grapes & juice) | LCMS-02 | \$ 231.00 | \$ 254.10 | 500 g | 10 days | LC/MS/MS |
| Multi-residue assay LCMS (liquid non-wine) | LCMS-03 | \$ 210.00 | \$ 231.00 | 100 mL | 10 days | LC/MS/MS |
| Multi-residue assay LCMS (solids) | LCMS-04 | \$ 246.75 | \$ 271.43 | 500 g | 10 days | LC/MS/MS |
| N | | | | | | |
| Naphthalene | NAPHTHALENE | \$ 110.25 | \$ 121.28 | 25 mL | 10 days | GCMS |
| Natamycin | NATAMYCIN | \$ 163.80 | \$ 180.18 | 50 mL | 10 days | LC/MS/MS |
| Nickel (water, wine) | METALS_SCREEN_SINGLE | \$ 31.50 | \$ 34.65 | 15 mL | 48 hours | ICP/MS |
| Nitrates (wine) | NITRATES (1-4 samples) (5-9 samples) (10+ samples) | \$190.00 | \$209.00 | 50 mL | 15 days | ICP/MS |
| | | \$119.00 | \$130.90 | | | |
| | | \$109.00 | \$119.90 | | | |
| Nitrites (wine) | NITRITES (1-4 samples) (5-9 samples) (10+ samples) | \$190.00 | \$209.00 | 50 mL | 15 days | ICP/MS |
| | | \$119.00 | \$130.90 | | | |
| | | \$109.00 | \$119.90 | | | |
| Nutritional Panel for dry wine < 30 g/L sugar (Protein, Carbohydrate*, Sugars, Sodium, Energy*) | NUTRIT_PANEL_DRY | \$ 267.75 | \$ 294.53 | 750mL | 15 days | Alcohol: WineScan / NIR Protein: Protein Ash: Ignition at 550oC Fat: Mojonnier Extraction |
| Nutritional Panel for semi-sweet, sweet and sparkling wine > 30 g/L sugar (Protein, Carbohydrate*, Sugars, Sodium, Energy*) | NUTRIT_PANEL_SEMI-SW | \$ 277.75 | \$ 305.53 | 750mL | 15 days | |
| O | | | | | | |
| Oak Volatiles (wine) | OAK-01 | \$ 117.60 | \$ 129.36 | 20 mL | 10 days | GCMS |
| Oak Volatiles (chips) | OAK-02 | \$ 130.20 | \$ 143.22 | 50 g | 10 days | GCMS |

| General Analysis | Item code | Price Per Sample Pre | Price Per Sample | Volume required | Estimated turnaround time | Instrument/ method used |
|---|---|--------------------------|------------------|-------------------|--------------------------------|--|
| Ochratoxin A (wine) | OCHRATOXIN_A | \$ 168.00 | \$ 184.80 | 50 mL | 10 days | HPLC/FLD |
| Ochratoxin A (non-wine) | OCHRATOXIN_NON_WINE | \$ 168.00 | \$ 184.80 | 50 mL | 10 days | HPLC/FLD |
| Optical density (offering 250, 270, 280, 290, 315, 320, 420, 450, 490, 520, 620 nm - other wavelengths available on request) | OD_WAVELENGTH | \$ 8.40 | \$ 9.24 | 10 mL | 24 hours | UV-Vis |
| Optical rotation (raw materials) offering Ascorbic, DL Malic, Erythorbic, KHT, L+ Malic, Tartaric | OPTICAL_ROTATION | \$ 126.00 | \$ 138.60 | 50 g | 5 days | Polarimeter |
| Organic acid profile (grapes, juice and wine) (citric, tartaric, malic, lactic, acetic, succinic, glucose, fructose, glycerol) | ORGANIC_ACID_PROFILE | \$ 94.50 | \$ 103.95 | 10 mL | 72 hours | HPLC |
| Oxidation aldehydes (Carbonyls) | OXIDATION_ALDEHYDES | Contact customer service | | | | GC |
| P | | | | | | |
| pH | PH | \$ 8.40 | \$ 9.24 | 50 mL | 24 hours | Electrode / Titramaster |
| pH (wines < 30 g/L sugar only) | PH_WS | \$ 7.35 | \$ 8.09 | 200 mL | 24 hours | WineScan |
| Phenolics for white wine | PHENOLICS_WHITE | \$ 8.40 | \$ 9.24 | 10 mL | 24 hours | UV-Vis |
| *Phenoxy Acid Herbicides Screen (10 elements) | PHENOXY_ACID_HERBIC (1-2 Samples) | \$ 1,090.00 | \$ 1,199.00 | On request | On request | |
| | PHENOXY_ACID_HERBIC (3+ Samples) | \$ 420.00 | \$ 462.00 | | | |
| Phosphates (as PO ₄) | PHOSPATE (1-4 samples) (5-9 samples) (10+ samples) | \$190.00 | \$209.00 | 50 mL | 15 days | ICP/MS |
| | | \$119.00 | \$130.90 | | | |
| | | \$109.00 | \$119.90 | | | |
| Phosphorous acid (grapes, juice, ferment and wine) | PHOSPHOROUS_ACID-01 | \$ 348.00 | \$ 382.80 | 155 mL /100g | 15 days | LC/MS/MS |
| Phosphorous acid (Raw materials e.g. DAP) | PHOSPHOROUS_ACID-02 | \$ 348.00 | \$ 382.80 | 155 mL /100g | 15 days | LC/MS/MS |
| Phosphorus | PHOSPHORUS | \$ 194.25 | \$ 213.68 | 155 mL | 15 days | ICP/MS |
| *Phthalates/plasticisers | PHTHALATES (1-2 Samples) | \$ 875.00 | \$ 962.50 | On request | On request | |
| | PHTHALATES (3+ Samples) | \$ 357.00 | \$ 392.70 | | | |
| Pinking susceptibility | PINKING | \$ 40.95 | \$ 45.05 | 750 mL | 48 hours | UV-Vis |
| Potassium (water, wine) | POTASSIUM_ICP | \$ 31.50 | \$ 34.65 | 25 mL | 48 hours | ICP/MS |
| Potassium (grapes, juice, fortified) | POTASSIUM_ICP_JF | \$ 41.50 | \$ 45.65 | 25 mL | 48 hours | ICP/MS |
| Potassium bicarbonate purity (codex testing) | POTBICARB_PURITY | \$ 18.90 | \$ 20.79 | 10 g | 48 hours | Titration / FCC |
| Potassium carbonate purity (codex testing) | POTCARB_PURITY | \$ 18.90 | \$ 20.79 | 10 g | 48 hours | Titration / FCC |
| Potassium sorbate purity (codex testing) | POTSORB_PURITY | \$ 18.90 | \$ 20.79 | 10 g | 48 hours | Titration / FCC |
| Protein (mg/L Thaumatin) | PROTEIN | \$ 110.25 | \$ 121.28 | 155 mL | 15 days | HPLC |
| R | | | | | | |
| Red grape vintage panel (brix, pH, titratable acidity pH 8.2 & YAN) | RG_VINTAGE_PANEL-01 | \$ 57.75 | \$ 63.53 | 200 grams berries | 24 hours | Refractometer/ Titramaster/ Enzymatic |
| Red grape vintage panel (above) plus anthocyanins, phenolics and tannins | RG_VINTAGE_PANEL-02 | \$ 94.50 | \$ 103.95 | 400 grams berries | 48 hours | Refractometer/ Titramaster/ Enzymatic / UV-VIS |
| Reducing sugar (Rebelein) | REDUCING_SUGAR | \$ 26.25 | \$ 28.88 | 25 mL | 24 hours | Rebelein |
| Resveratrol and piceid | RES-01 | \$ 126.00 | \$ 138.60 | 20 mL | 10 days | HPLC |
| Rhodamine (please submit brine sample) | RHODAMINE | \$ 267.75 | \$ 294.53 | 200 mL + Brine | 10 days | LC/MS/MS |
| Rotundone | ROTUNDONE | \$ 189.00 | \$ 207.90 | 100mL | 15 days | GCMS |
| S | | | | | | |
| Saturation Temperature | SATURATION_TEMP | \$ 10.50 | \$ 11.55 | 200 mL | 48 hours | Conductivity meter |
| Selenium (water, wine) | METALS_SCREEN_SINGLE | \$ 31.50 | \$ 34.65 | 15 mL | 48 hours | ICP/MS |
| Sensory (quality assessment panel) | SENSORY_QUALITY | \$ 400.00 | \$ 440.00 | 2 x 750 mL | 10 days | Organoleptic |
| Silver (water, wine) | METALS_SCREEN_SINGLE | \$ 31.50 | \$ 34.65 | 15 mL | 48 hours | ICP/MS |
| Silver (juice, grapes, fortified) | SILVER | \$ 120.00 | \$ 132.00 | 50 g | 15 days | ICP/MS |
| Smoke taint panel (wine) | SMOKE_PANEL-01 | \$ 247.00 | \$ 271.70 | 50mL | Contact Customer Service | GCMS/LC/MS/MS |
| Smoke taint panel (grapes) | SMOKE_PANEL-02 | \$ 270.00 | \$ 297.00 | 250 g Berries | | GCMS/LC/MS/MS |
| Smoke taint panel (juice) | SMOKE_PANEL-03 | \$ 290.85 | \$ 319.94 | 50mL | | GCMS/LC/MS |
| Sodium (water, wine) | SODIUM_ICP | \$ 31.50 | \$ 34.65 | 15 mL | 48 hours | ICP/MS |
| Sodium (grapes, juice, fortified) | SODIUM_ICP_JF | \$ 41.50 | \$ 45.65 | 15 mL | 48 hours | ICP/MS |
| Sodium chloride (as NaCl) (liquid) | SODIUM CHLORIDE-01 (1-4 samples) (5-9 samples) (10+ samples) | \$190.00 | \$209.00 | 50 mL | 15 days | Ion Chromatography |
| | | \$119.00 | \$130.90 | | | |
| | | \$109.00 | \$119.90 | | | |
| Sodium chloride (as NaCl) (grapes, raw material and other solids) | SODIUM CHLORIDE-02 (1-4 samples) (5-9 samples) (10+ samples) | \$219.00 | \$240.90 | 50 g | 15 days | Ion Chromatography |
| | | \$148.00 | \$162.80 | | | |
| | | \$138.00 | \$151.80 | | | |

| General Analysis | | <i>Item code</i> | <i>Price Per Sample Pre</i> | <i>Price Per Sample</i> | <i>Volume required</i> | <i>Estimated turnaround time</i> | <i>Instrument/ method used</i> |
|---|---|----------------------------------|----------------------------------|-------------------------|------------------------|--|--------------------------------|
| Sorbic acid | SORBIC | \$ 27.30 | \$ 30.03 | 10 mL | 24 hours | UV-Vis | |
| Specific gravity 20/20C | SG | \$ 21.00 | \$ 23.10 | 100 mL | 24 hours | Density meter | |
| Specific gravity 20/20C (wines < 30 g/L sugar only) | SG_WS | \$ 10.50 | \$ 11.55 | 200 mL | 24 hours | WineScan | |
| Stability package (heat & 3 day cold stability) | STABILITY_COMBO | \$ 42.00 | \$ 46.20 | 300 mL | 4 days | -4 & 80 °C baths | |
| Sterility check (10 day plating) | STERILITY | \$ 84.00 | \$ 92.40 | 500 mL | 12 days | Filter/Incubate | |
| Sterility check (3 day plating) | STERILITY_3DAY | \$ 70.00 | \$ 77.00 | 500 mL | 5 days | Filter/Incubate | |
| Strontium (water, wine) | METALS_SCREEN_SINGLE | \$ 31.50 | \$ 34.65 | 15 mL | 48 hours | ICP/MS | |
| Succinic acid | SUCCINIC_HPLC | \$ 63.00 | \$ 69.30 | 10 mL | 72 hours | HPLC | |
| Sucrose (rebelein) (includes Total sugar and Reducing sugar) | SUCROSE | \$ 36.75 | \$ 40.43 | 25 mL | 24 hours | Rebelein | |
| Sugar content total (rebelein) | SUGARTOTAL | \$ 36.75 | \$ 40.43 | 25 mL | 24 hours | Rebelein | |
| Sugar free extract (calculation only)* | SFE_CALC | \$ 10.50 | \$ 11.55 | N/A | 24 hours | Calculation | |
| Sugar free extract for dry wines < 30 g/L sugar (including SG, VA, TSO ₂ , Sucrose and Alcohol)* | SFE_DRY | \$ 114.45 | \$ 125.90 | 750mL | 48 hours | WineScan /Gallery / Rebelein | |
| Sugar free extract for wines > 30 g/L sugar & < 21% v/v alcohol (including SG, VA, TSO ₂ , Sucrose and Alcohol)* | SFE_SWEET | \$ 165.90 | \$ 182.49 | 750mL | 48 hours | Various / ALC by NIR / Gallery / Rebelein | |
| Sulfate (as K ₂ SO ₄) (liquid) | SULFATE-01 (1-4 samples) (5-9 samples) (10+ samples) | \$190.00 \$119.00 \$109.00 | \$209.00 \$130.90 \$119.90 | 155 mL | 15 days | Ion Chromatography | |
| Sulfate (as K ₂ SO ₄) (grapes, raw material and other solids) | SULFATE-02 (1-4 samples) (5-9 samples) (10+ samples) | \$219.00 \$148.00 \$138.00 | \$240.90 \$162.80 \$151.80 | 50 g | 15 days | Ion Chromatography | |
| Sulfur dioxide (free & total) (all wines, ciders, water, vinegar and juice) | SO2_GALLERY | \$ 25.20 | \$ 27.72 | 10 mL | 24 hours | GALLERY | |
| Sulfur dioxide (free) (all wines, ciders, water, vinegar and juice) | SO2_GALLERY_FREE | \$ 14.70 | \$ 16.17 | 10 mL | 24 hours | GALLERY | |
| Sulfur dioxide (total) (all wines, ciders, water, vinegar and juice) | SO2_GALLERY_TOTAL | \$ 14.70 | \$ 16.17 | 10 mL | 24 hours | GALLERY | |
| Sulfur dioxide (free & total) | SO2_REF | \$ 31.50 | \$ 34.65 | 50 mL | 24 hours | Aspiration | |
| Sulfur dioxide (free) | SO2_REF_FREE | \$ 21.00 | \$ 23.10 | 50 mL | 24 hours | Aspiration | |
| Sulfur dioxide (total) | SO2_REF_TOTAL | \$ 21.00 | \$ 23.10 | 50 mL | 24 hours | Aspiration | |
| T | | | | | | | |
| Taint vials (per vial) | TAINT | \$ 23.10 | \$ 25.41 | N/A | 5 days | N/A | |
| Taint vials (set of all 12 vials) | TAINT_ALL_VIALS | \$ 277.20 | \$ 304.92 | N/A | 5 days | N/A | |
| Tannins (red grapes) | TANNIN_RG | \$ 29.40 | \$ 32.34 | 200 grams berries | 48 hours | UV-Vis | |
| Tannins (red wine) | TANNIN_RW | \$ 10.50 | \$ 11.55 | 20 mL | 48 hours | UV-Vis | |
| Tartaric acid | TARTARIC_HPLC | \$ 63.00 | \$ 69.30 | 10 mL | 72 hours | HPLC | |
| Tartaric acid purity (codex testing) | TARTARIC_PURITY | \$ 18.90 | \$ 20.79 | 10 g | 48 hours | Titration / FCC | |
| TCA/TBA/TeCA (wine) | TCA-01 | \$ 158.55 | \$ 174.41 | 50 mL | 10 days | GCMS | |
| TCA/TBA/TeCA (chips) | TCA-02 | \$ 172.20 | \$ 189.42 | 20 g | 10 days | GCMS | |
| TCA/TBA/TeCA (cork) | TCA-03 | \$ 168.00 | \$ 184.80 | 20 g | 10 days | GCMS | |
| Tin (water, wine) | METALS_SCREEN_SINGLE | \$ 31.50 | \$ 34.65 | 15 mL | 48 hours | ICP/MS | |
| Tin (juice, fortified) | TIN-01 | \$ 120.00 | \$ 132.00 | 155 mL | 15 days | ICP/MS | |
| Tin (grapes, raw material and other solids) | TIN-02 | \$ 120.00 | \$ 132.00 | 50 g | 15 days | ICP/MS | |
| Titrateable acidity pH 7.0 | TA70_TIM | \$ 8.40 | \$ 9.24 | 50 mL | 24 hours | Titramaster | |
| Titrateable acidity pH 7.0 (wines < 30 g/L sugar only) | TA70_WS | \$ 7.35 | \$ 8.09 | 200 mL | 24 hours | WineScan | |
| Titrateable acidity pH 8.2 | TA82_TIM | \$ 8.40 | \$ 9.24 | 50 mL | 24 hours | Titramaster | |
| Titrateable acidity pH 8.2 (wines < 30 g/L sugar only) | TA82_WS | \$ 7.35 | \$ 8.09 | 200 mL | 24 hours | WineScan | |
| Titrateable acidity and pH (pH, total acidity at pH 7.0 & total acidity at pH 8.2) | TITRAMASTER | \$ 15.75 | \$ 17.33 | 50 mL | 24 hours | Titramaster | |
| Torque | TORQUE | \$ 10.50 | \$ 11.55 | 1 x bottle | 24 hours | Capstar | |
| Total acidity as sulfuric acid (calculation only) (uses titrateable acidity & pH 8.2)* | TA_H2SO4 | \$ 10.50 | \$ 11.55 | 50 mL | 24 hours | Calculation | |
| Total acidity - meq/L (calculation only) (uses titrateable acidity & pH 8.2)* | TA_MEQL | \$ 10.50 | \$ 11.55 | N/A | 24 hours | Calculation | |
| Total dry extract (calculation only) (uses specific gravity, volatile acidity, total SO ₂ & alcohol)* | TDE_CALC | \$ 10.50 | \$ 11.55 | N/A | 24 hours | Calculation | |
| Total dry extract for dry wines < 30 g/L sugar (includes specific gravity, VA, Total SO ₂ and alcohol)* | TDE_DRY | \$ 67.20 | \$ 73.92 | N/A | 24 hours | WineScan / Gallery | |

| General Analysis | <i>Item code</i> | <i>Price Per Sample Pre</i> | <i>Price Per Sample</i> | <i>Volume required</i> | <i>Estimated turnaround time</i> | <i>Instrument/ method used</i> |
|--|----------------------|-----------------------------|-------------------------|--------------------------|----------------------------------|---------------------------------------|
| Total dry extract for wines > 30 g/L sugar & < 21% v/v alcohol (includes specific gravity, VA, Total SO2 and alcohol)* | TDE_SWEET | \$ 112.35 | \$ 123.59 | N/A | 24 hours | Various / ALC by NIR / Gallery |
| Total dry extract for wines > 21% v/v alcohol (includes specific gravity, VA, Total SO2 and alcohol)* | TDE_REF | \$ 118.65 | \$ 130.52 | N/A | 24 hours | Various / ALC by Dist / Gallery |
| Turbidity | TURBIDITY | \$ 12.60 | \$ 13.86 | 50 mL | 24 hours | Nephelometer |
| U | | | | | | |
| UV-Vis scan | UV-VIS_SCAN | \$ 8.40 | \$ 9.24 | 10 mL | 24 hours | UV-Vis |
| V | | | | | | |
| Vanadium (water, wine) | METALS_SCREEN_SINGLE | \$ 31.50 | \$ 34.65 | 15 mL | 48 hours | ICP/MS |
| Vanadium (juice, fortifieds) | VANADIUM-01 | \$ 120.00 | \$ 132.00 | 155 mL | 15 days | ICP/MS |
| Vanadium (grapes, raw material and other solids) | VANADIUM-02 | \$ 120.00 | \$ 132.00 | 50 g | 15 days | ICP/MS |
| Volatile acidity (markham stills) | VA_R | \$ 42.00 | \$ 46.20 | 25 mL | 24 hours | Markham still |
| Volatile acidity - meq/L (calculation only) (uses volatile acidity or acetic acid)* | VA_MEQL | \$ 10.50 | \$ 11.55 | N/A | 24 hours | Calculation |
| Volatile acidity as sulfuric acid (calculation only) (uses volatile acidity or acetic acid)* | VA_H2S04 | \$ 10.50 | \$ 11.55 | N/A | 24 hours | Calculation |
| Volatile fatty acids | VOLATILE_FATTY_ACIDS | \$ 315.00 | \$ 346.50 | Contact Customer Service | | GC/MS |
| Volatile thiols | VOLATILE_THIOLS | \$ 262.50 | \$ 288.75 | Contact Customer Service | | GC/MS |
| Volatile thiol precursors | VOLATILE_THIOL_PREC | \$ 262.50 | \$ 288.75 | Contact Customer Service | | LC/MS/MS |
| Volatile Profiling | VOLATILE_PROFILING | \$ 192.00 | \$ 211.20 | 50mL | 20 days | GC |
| Volume check | VOLUME_CHECK | \$ 47.25 | \$ 51.98 | 750 mL | 24 hours | Scales |
| W | | | | | | |
| White wine spectral (uses OD 280nm / 320nm / 420nm) | WHITE_WINE_SPECTRAL | \$ 21.00 | \$ 23.10 | 10 mL | 24 hours | UV-Vis |
| White grape vintage panel (brix, pH, titratable acidity pH 8.2 & YAN) | WG_VINTAGE_PANEL | \$ 57.75 | \$ 63.53 | 200 grams berries | 24 hours | Refractometer/ Titramaster/ Enzymatic |
| White wine colour (phenolics only) | PHENOLICS_WHITE | \$ 8.40 | \$ 9.24 | 10 mL | 24 hours | UV-VIS |
| Wine aroma compounds | WINE_AROMA | \$ 141.75 | \$ 155.93 | 50 mL | 10 days | GCMS |
| WineScan (Wines < 30 g/L sugar only) (alcohol, glucose + fructose, pH, TA at pH 7.0 and TA at pH 8.2, VA as acetic acid, specific gravity and malic) | WINESCAN | \$ 52.50 | \$ 57.75 | 200 mL | 24 hours | WineScan |
| WineScan suite with spectra data | WINESCAN_SPECTRA | \$ 63.00 | \$ 69.30 | 100 mL | 24 hours | WineScan |
| Y | | | | | | |
| Yeast assimilable nitrogen (enzymatic) (Wine/Juice) | YAN | \$ 36.75 | \$ 40.43 | 10 mL | 24 hours | Enzymatic |
| Yeast count | YEAST_COUNT | \$ 26.25 | \$ 28.88 | 250 mL | 24 hours | Haemocytometer /Microscope |
| Zinc | | | | | | |
| Zinc (water, wine) | METALS_SCREEN_SINGLE | \$ 31.50 | \$ 34.65 | 15 mL | 48 hours | ICP/MS |
| Zinc (fortifieds, juice and ferments) | ZINC-01 | \$ 120.00 | \$ 132.00 | 155mL | 15 days | ICP/MS |
| Zinc (grapes, raw material and other solids) | ZINC-02 | \$ 120.00 | \$ 132.00 | 50 g | 15 days | ICP/MS |



Beer, Hops & Water Analysis

| | Item code | Price Per Sample Pre GST | Price Per Sample (GST Included) | Volume required | Estimated turnaround time | Instrument/ method used |
|---|-------------------------------|--------------------------|---------------------------------|-------------------------------|---------------------------------|----------------------------|
| <i>Items in blue indicate analysis sent to an external laboratory</i> | | | | | | |
| Repeat/Re-issue Certificates / Urgent Fee | | | | | | |
| Repeat/Re-issue Certificates | RE_ISSUE_FEE | \$ 31.50 | \$ 34.65 | N/A | 24 hours | N/A |
| Urgent fee | 30% - 50% per analysis | | | N/A | Contact Customer Service | |
| A | | | | | | |
| Alcohol by NIR for Beer | ALC_NIR_BEER | \$ 18.90 | \$ 20.79 | 100 mL | 24 hours | NIR |
| Alpha and Beta hops acids (HPLC) | HOPS_ACIDS | \$ 147.00 | \$ 161.70 | 100 g | 15 days | HPLC |
| B | | | | | | |
| Brix by density meter for Beer | BRIX_BEER | \$ 10.50 | \$ 11.55 | 10mL | 24 hours | Density Meter |
| Bitterness for Beer | IBU_BEER | \$ 26.25 | \$ 28.88 | 50mL | 24 hours | UV-VIS |
| Acetic acid by WineScan (wines < 30g/L sugar) | | | | | | |
| Calcium by ICP for Beer | CALCIUM_ICP_BEER | \$ 31.50 | | 15 mL | 48 hours | ICP/MS |
| Carbon dioxide and dissolved oxygen for Beer | CO2_O2_BEER | \$ 18.90 | \$ 20.79 | 1 full can/bottle (min 150mL) | 24 hours | Cbox |
| Chill Haze | CHILL_HAZE_BEER | \$ 26.57 | \$ 29.22 | 200mL | 3 days | 0°C Bath / Nephelometer |
| Chloride (mg/LCl) for Water | CHLORIDE_WATER | \$ 17.85 | \$ 19.64 | 100mL | 24 hours | Hach Test Kit |
| Colour for Beer (430nm) | COLOUR_BEER | \$ 10.50 | \$ 11.55 | 20mL | 24 hours | UV-VIS |
| Colour for Beer (results in EBC units) | COLOUR_BEER_EBC | \$ 10.50 | \$ 11.55 | 20mL | 24 hours | UV-VIS |
| H | | | | | | |
| Hop oil profile by GC | HOP_OIL_PROFILE | \$ 231.00 | \$ 254.10 | 100 g | 15 days | GC |
| M | | | | | | |
| Malic acid (enzymatic) for Beer | MALIC_BEER | \$ 26.25 | \$ 28.88 | 10 mL | 24 hours | Enzymatic |
| Metals (NA, K, Ca, Mg, Fe) by ICP | METALS_WATER | \$ 68.25 | \$ 75.08 | 15mL | 48 hours | ICP/MS |
| Moisture content in hops | MOISTURE_CONT_HOPS | \$ 47.25 | \$ 51.98 | 50 g | 2 days | Oven / scales |
| N | | | | | | |
| Nitrate for Water (mg/L) | NITRATE_WATER | \$ 17.85 | \$ 19.64 | 50mL | 24 hours | Hach Test Kit |
| P | | | | | | |
| pH for Beer (Titramaster) | PH_BEER | \$ 8.40 | \$ 9.24 | 50 mL | 24 hours | Titramaster |
| pH for Water (Titramaster) | PH_WATER | \$ 8.40 | \$ 9.24 | 50 mL | 24 hours | Titramaster |
| Plato by density meter for beer | PLATO_BEER | \$ 10.50 | \$ 11.55 | 20mL | 24 hours | Density Meter |
| S | | | | | | |
| Spoilage Beer - Screen for typical beer spoilage | SPOILAGE_BEER | \$ 78.75 | \$ 86.63 | 300mL | 10 days | Filter/Incubate |
| Sterility check for Beer | STERILITY_BEER | \$ 68.25 | \$ 75.08 | 300mL | 10 days | Filter/Incubate |
| Sterility COMBO (Sterility and Spoilage) | STERILITY_COMBO_BEER | \$ 135.00 | \$ 148.50 | 300mL | 10 days | Filter/Incubate |
| Sterility check for Water | STERILITY_WATER | \$ 68.25 | \$ 75.08 | 300mL | 10 days | Filter/Incubate |
| Sulfate for Water (mg/L) | SULFATE_WATER | \$ 17.85 | \$ 19.64 | 100mL | 24 hours | Hach Test Kit |
| Sugars Glucose and Fructose by HPLC for Beer | SUGARS_HPLC_BEER | \$ 73.50 | \$ 80.85 | 10mL | 72 hours | HPLC |
| Sulphur dioxide Free and total for Beer | SO2_BEER | \$ 25.20 | \$ 27.72 | 10 mL | 24 hours | Gallery /Discrete analyser |
| T | | | | | | |
| Total Acidity (as % lactic acid) | TA_LACTIC_BEER | \$ 23.10 | \$ 25.41 | 50mL | 24 hours | Titramaster |
| Total alkalinity (including carbonate and bicarbonate) | TOT_ALKALINITY_WATER | \$ 21.00 | \$ 23.10 | 150mL | 24 hours | Titration |
| Total dissolved solids (TDS) | TDS_WATER | \$ 11.00 | \$ 12.10 | 100mL | 24 hours | Conductivity Meter |
| Total essential oils in hops by steam distillation | TOTAL_ESSENTIAL_OILS | \$ 84.00 | \$ 92.40 | 100 g | 15 days | Distillation |
| Total Hardness (including Ca and Mg) | HARDNESS_WATER | \$ 63.00 | \$ 69.30 | 15mL | 48 hours | ICP/MS |
| Total Hardness and Metals Combo (Total Hardness, calcium, iron, potassium, sodium, magnesium) | HARD_MET_WATER_COMBO | \$ 78.75 | \$ 86.63 | 15mL | 48 hours | ICP/MS |
| Turbidity | TURBIDITY_BEER | \$ 12.60 | \$ 13.86 | 50 mL | 24 hours | Nephelometer |
| V | | | | | | |
| VDK | VDK_BEER | \$ 157.50 | \$ 173.25 | 50mL | 15 days | GC |



| SPIRITS Analysis | Login code | Price per sample (ex GST) | Price per sample (inc GST) | Volume required | Estimated turnaround time | Instrument / Method used |
|---|---------------------------------|---------------------------|----------------------------|-----------------|---------------------------|--------------------------|
| Items in blue indicate analysis sent to an external laboratory | | | | | | |
| Repeat/Re-issue Certificates / Urgent Fees | | | | | | |
| Repeat/Re-issue Certificates | RE_ISSUE_FEE | \$ 31.50 | \$ 34.65 | N/A | 24 hours | N/A |
| Urgent fee | 30% - 50% per analysis | | | N/A | Contact Customer Service | |
| *Spirit analysis (full panel) | SPIRIT_FULL_PANEL (1-2 Samples) | \$ 1,813.00 | \$ 1,994.30 | 750 mL | 15 days | Headspace GC/MS |
| | SPIRIT_FULL_PANEL (3+ Samples) | \$ 1,329.00 | \$ 1,461.90 | | | |
| A | | | | | | |
| Acetone | ACETONE | \$ 346.50 | \$ 381.15 | 155 mL | 15 days | Headspace GC/MS |
| Alcohol by densitometry | ALCD | \$ 31.50 | \$ 34.65 | 250 mL | 24 hours | Distillation |
| B | | | | | | |
| *BTEX (includes Benzene, Toluene, Ethyl Benzene) | BTEX (1-2 Samples) | \$685.00 | \$ 753.50 | 155 mL | 15 days | Purge & trap GC/MS |
| | BTEX (3+ Samples) | \$258.00 | \$ 283.80 | | | |
| E | | | | | | |
| Ethyl acetate | ETHYL_ACETATE | \$ 173.25 | \$ 190.58 | 155 mL | 15 days | GC/MS |
| Ethyl carbamate | ETHYL_CARB | \$ 189.00 | \$ 207.90 | 100 mL | 10 days | GC/MS |
| F | | | | | | |
| Formaldehyde (spirit testing) | FORMALDEHYDE | \$ 425.25 | \$ 467.78 | 155mL | 15 days | HPLC-UV |
| H | | | | | | |
| Higher alcohols (includes Ethyl acetate, iso-Butanol, iso-amyl-Alcohol, Methanol, n-butanol) | HIALCOHOL | \$ 173.25 | \$ 190.58 | 155 mL | 15 days | GC-FID |
| M | | | | | | |
| Magnesium | MAGNESIUM | \$ 115.50 | \$ 127.05 | 155 mL | 15 days | ICP/MS |
| Methanol | METHANOL_GC | \$ 89.25 | \$ 98.18 | 155 mL | 15 days | GC |
| N | | | | | | |
| Nitrates | NITRATES | \$ 145.00 | \$ 159.50 | 155 mL | 15 days | ICP/MS |
| Nitrites | NITRITES | \$ 145.00 | \$ 159.50 | 155 mL | 15 days | ICP/MS |
| O | | | | | | |
| Oak flavour analysis (includes 4-Ethylphenol, 4-Ethylguaiaacol, 4-Methylguaiaacol, 5-methylfural, oak lactones (cis- and trans-), Eugenol, Furfural, Guaiaacol, Vanillan) | OAK-01 | \$ 117.60 | \$ 129.36 | 20 mL | 10 days | GC/MS |
| Z | | | | | | |
| Zinc | ZINC-01 | \$ 120.00 | \$ 132.00 | 155 mL | 15 days | ICP/MS |



| VIRUS TESTING Analysis | Login code | Price per sample (ex GST) | Price per sample (inc GST) | Estimated turnaround time | Instrument / Method used | | | | |
|--|---|---|--|---------------------------------|-----------------------------|--|--|--|-----|
| Repeat/Re-issue Certificates / Urgent Fee | | | | | | | | | |
| Repeat/Re-issue Certificates | RE_ISSUE_FEE | \$ 31.50 | \$ 34.65 | 24 hours | N/A | | | | |
| Urgent fee | 30% - 50% per analysis | | | Contact Customer Service | | | | | |
| Sample preparation fees | | | | | | | | | |
| Virus sample PCR preparation fee; Applies once to each sample submitted for PCR virus testing regardless of number of viruses. Does not apply to ELISA testing | VIRUS_SAMPLE_PREP (1-5 Samples) | 1-5 samples \$88.00 6+ samples \$83.00 | 1-5 samples \$96.80 6+ samples \$91.30 | 14 days | TNA extraction | | | | |
| Individual virus list - price per virus | | | | | | | | | |
| Grapevine fleck virus | GFKV | 1-5 samples \$9.00 per virus 6+ samples \$8.00 per virus | 1 - 5 samples \$9.90 per virus 6+ samples \$8.80 per virus | 14 days | RT-PCR | | | | |
| Grapevine leafroll-associated virus type 1 | LR1 | | | | | | | | |
| Grapevine leafroll-associated virus type 2 | LR2 | | | | | | | | |
| Grapevine leafroll-associated virus type 3 | LR3 | | | | | | | | |
| Grapevine leafroll-associated virus type 4 | LR4 | | | | | | | | |
| Grapevine leafroll-associated virus type 4_6 | LR4_6 | | | | | | | | |
| Grapevine leafroll-associated virus type 4_9 | LR4_9 | | | | | | | | |
| Grapevine Pinot Gris virus | GPGV | | | | | | | | |
| Grapevine rupestris stem pitting-associated virus | RSPAV | | | | | | | | |
| Grapevine virus A | GVA | | | | | | | | |
| Grapevine virus B | GVB | | | | | | | | |
| Grapevine red blotch virus* This is a virus currently exotic to Australia and requires mandatory reporting if a positive is obtained. Please contact AWRI for more information. | GRBV | | | | | | | | PCR |
| ELISA testing | | | | | | | | | |
| Grapevine leafroll-associated virus type 3 | LR3_ELISA | 1-5 samples \$70.00 6+ samples \$50.00 | 1-5 samples \$77.00 6+ samples \$55.00 | 7 days | ELISA | | | | |
| Virus packages (including sample preparation and bundled virus tests) | | | | | | | | | |
| Complete virus screen (11 viruses); GFKV, GPGV, GVA, GVB, GLR1aV, GLRaV2, GLRaV3, GLRaV4, GLRaV4-5, GLRaV34-9, GRSPaV | VIRUS_SAMPLE_PREP + VIRUS_ALL | 1-5 samples \$187.00 6+ samples \$171.00 | 1-5 samples \$205.70 6+ samples \$188.10 | 14 days | RT-PCR | | | | |
| Pre-graft screen (3 viruses); GVA, GLR1aV, GLRaV3 | VIRUS_SAMPLE_PREP + PRE_GRAFT_SCREEN_3 | 1-5 samples \$115.00 6+ samples \$107.00 | 1-5 samples \$126.50 6+ samples \$117.70 | 14 days | RT-PCR | | | | |
| Pre-graft screen (4 viruses); GVA, GLR1aV, GLRaV2, GLRaV3 | VIRUS_SAMPLE_PREP + PRE_GRAFT_SCREEN_4 | 1-5 samples \$124.00 6+ samples \$115.00 | 1-5 samples \$136.40 6+ samples \$126.50 | 14 days | RT-PCR | | | | |