



Price List  
Commercial Services as at 8 May 2020  
**Export Certificates**

Analysis	Item code	Price Per Sample Pre GST	Price Per Sample (GST Included)	Volume required	Estimated turnaround time	Instrument/ method used
<b>Repeat/Re-issue Certificates</b>						
Repeat/Re-issue Certificates	RE_ISSUE_FEE	\$ 31.50	\$ 34.65	N/A	24 hours	N/A
<b>Urgent Fee</b>						
Urgent fee	30% - 50% per certificate			N/A	Contact Customer Service	
<b>Export Certificates</b>				1 x 750 mL	24 - 48 hours	Various
<b>Dry still wine (&lt; 30 g/L sugar)</b>						
<b>Single Export Certificates</b>						
Brazil Certificate of Origin	BRAZIL_DRY	POA	POA			
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 (Gallery SO2)	TAI	\$ 14.70	\$ 16.17			
Taiwanese Certificate (Aspiration SO2)	TAI_REF	\$ 21.00	\$ 23.10			
VI1 Bulk Certificate	VI1B_DRY	\$ 136.50	\$ 150.15			
VI1 Packaged Certificate	VI1P_DRY	\$ 47.25	\$ 51.98			
<b>Combination Export Certificates</b>						
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			
<b>Sweet still, sparkling and fortified wine (&gt; 30 g/L sugar and &lt; 21% v/v alcohol)</b>						
<b>Single Export Certificates</b>						
Brazil Certificate of Origin - Sparkling	BRAZIL_SPARKLING	\$ 273.00	\$ 300.30			
Taiwanese Certificate (Gallery SO2)	TAI	\$ 14.70	\$ 16.17			
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			
<b>Combination Export Certificates</b>						
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			
<b>Fortified wines and Spirits (&gt; 21% v/v alcohol)</b>						
<b>Single Export Certificates</b>						
Certificate of Analysis by Reference	COA_REF	\$ 169.05	\$ 185.95			
VI1 Packaged Certificate by Reference	VI1P_REF	\$ 60.90	\$ 66.99			
<b>Combination Export Certificates</b>						
Certificate of Analysis & VI1 Packaged by Reference	COA_VI1P_REF	\$ 184.80	\$ 203.28			
<b>All wine types (DRY, SPARKLING, SEMI-SWEET or SWEET)</b>						
<b>Export Upgrades</b>						
Upgrade to Certificate of Analysis by Reference	UP_COA_REF	\$ 58.80	\$ 64.68			
Reissue of Brazil Certificate	RE_ISSUE_FEE_BRAZIL	\$ 50.00	\$ 55.00			
Upgrade of Brazil Certificate	UP_BRAZIL	TBA				
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			

Contact Customer Service on 08 8313 6600 or  
 commercialservices@awri.com.au to discuss if a cellar  
 sample is available/required.



Price List  
Commercial Services as at 8 May 2020  
**GENERAL ANALYSIS**

Analysis	Item code	Price Per Sample Pre GST	Price Per Sample (GST included)	Volume required	Estimated turnaround time	Instrument/ method used
<b>Items in blue indicate analysis sent to an external laboratory</b>						
<b>Items in green indicate analysis discounts may apply for sample numbers greater than 8 - contact Customer Service for further details</b>						
*Calculation may require other analytical parameters in order to obtain result						
<b>Repeat/Re-issue Certificates</b>						
Repeat/Re-issue Certificates	RE_ISSUE_FEE	\$ 31.50	\$ 34.65	N/A	24 hours	N/A
<b>Urgent Fee</b>						
Urgent fee	30% - 50% per analysis			N/A	Contact Customer Service	
<b>A</b>						
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	100 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	50 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)	ALC_WS	\$ 10.50	\$ 11.55	100 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	5 g	48 hours	Titration / FCC
Ash	ASH	\$ 75.00	\$ 82.50	155 mL / 50 g	15 days	Ignition at 550°C
<b>B</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 or bar)	BOTTLE_PRESSURE_BAR BOTTLE_PRESSURE_KPA	\$ 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	750 mL	48 hours	Veriflow™ vinoBrett
Brix	BRIX	\$ 10.50	\$ 11.55	200 grams berries / 10 mL	24 hours	Refractometer
<b>C</b>						
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

Analysis	Item code	Price Per Sample Pre GST	Price Per Sample (GST Included)	Volume required	Estimated turnaround time	Instrument/ method used
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
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	\$ 145.00	\$ 159.50	155 mL	15 days	Ion Chromatography
Chloride (as total chloride) (grapes, raw material and other solids)	CHLORIDE-02	\$ 145.00	\$ 159.50	50 g	15 days	Ion Chromatography
Chlorophenols (wine)	CHLORO_01	\$ 158.55	\$ 174.40	50 mL	10 days	GCMS
Chromium (water, wine)	METALS_SCREEN_SINGLE	\$ 31.50	\$ 34.65	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	\$ 41.50	\$ 45.65	15 mL	48 hours	ICP/MS
Cyanide (as total cyanide)	CYANIDE	\$ 194.25	\$ 213.68	155 mL	15 days	Discrete Analyser
<b>D</b>						
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)	DAP_PURITY	\$ 18.90	\$ 20.79	5 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 <sub>2</sub> )	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
<b>E</b>						
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
Energy value calculation only (calorie or kilojoules)*	ENERGY_CAL ENERGY_KJ	\$ 10.50	\$ 11.55	N/A	24 hours	Calculation
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

Analysis	Item code	Price Per Sample Pre GST	Price Per Sample (GST included)	Volume required	Estimated turnaround time	Instrument/ method used
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	5 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) ETHYLENE_GLYCOL (3+ Samples)	\$ 635.00 \$ 241.00	\$ 698.50 \$ 265.10	On request	On request	
4-ethylphenol & 4-ethylguaiacol (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
<b>F</b>						
Filterability	FILTERABILITY	\$ 31.50	\$ 34.65	750 mL	24 hours	Filtration apparatus
Fluoride (liquid)	FLOURIDE-01	\$ 145.00	\$ 159.50	155 mL	15 days	ISE
Fluoride (grapes, raw material and other solids)	FLOURIDE-02	\$ 145.00	\$ 159.50	50 g	15 days	ISE
Fructose	FRUCTOSE	\$ 30.45	\$ 33.50	10 mL	24 hours	Enzymatic
Fructose by HPLC	FRUCTOSE_HPLC	\$ 63.00	\$ 69.30	10 mL	72 hours	HPLC
<b>G</b>						
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	100 mL	24 hours	WineScan
Glucose	GLUCOSE_REF	\$ 30.45	\$ 33.50	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) GLYCOLS (3+ Samples)	\$ 805.00 \$ 297.00	\$ 885.50 \$ 326.70	On request	On request	
Glyphosate			Contact Customer Service			
<b>H</b>						
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
<b>I</b>						
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_JF	\$ 31.50	\$ 34.65	15 mL	48 hours	ICP/MS
Iron (grapes, juice, fortified)	IRON_ICP	\$ 41.50	\$ 45.65	15 mL	48 hours	ICP/MS
<b>L</b>						
Laccase activity	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
<b>M</b>						
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	100 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	5 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
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)	METALS2	\$ 52.50	\$ 57.75	15 mL	48 hours	ICP/MS

Analysis	Item code	Price Per Sample Pre GST	Price Per Sample (GST Included)	Volume required	Estimated turnaround time	Instrument/ method used
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	\$ 150.00	\$ 165.00	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
<b>N</b>						
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	\$ 145.00	\$ 159.50	155 mL	15 days	ICP/MS
Nitrites (wine)	NITRITES	\$ 145.00	\$ 159.50	155 mL	15 days	ICP/MS
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 Sugars: HPLC Sodium: ICP-OES
Nutritional Panel for semi-sweet, sweet and sparkling wine > 30 g/L sugar (Protein, Carbohydrate*, Sugars, Sodium, Energy*)	NUTRIT_PANEL_SEMI-SW	\$ 267.75	\$ 294.53	750mL	15 days	
<b>O</b>						
Oak flavour analysis (wine)	OAK-01	\$ 117.60	\$ 129.36	20 mL	10 days	GCMS
Oak flavour analysis (chips)	OAK-02	\$ 130.20	\$ 143.22	50 g	10 days	GCMS
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, and glycerol)	ORGANIC_ACID_PROFILE	\$ 94.50	\$ 103.95	10 mL	72 hours	HPLC

Analysis	Item code	Price Per Sample Pre GST	Price Per Sample (GST Included)	Volume required	Estimated turnaround time	Instrument/ method used
Oxidation aldehydes (Carbonyls)	OXIDATION_ALDEHYDES			Contact customer service		GC
<b>P</b>						
pH	PH	\$ 8.40	\$ 9.24	25 mL	24 hours	Electrode / Titramaster
pH (wines < 30 g/L sugar only)	PH_WS	\$ 7.35	\$ 8.09	100 mL	24 hours	WineScan
Phenolics for white wine	PHENOLICS_WHITE	\$ 8.40	\$ 9.24	10 mL	24 hours	UV-Vis
*Phenoxy Acid Herbicides Screen	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 <sub>4</sub> )	PHOSPHATES	\$ 136.50	\$ 150.15	155 mL	15 days	ICP/MS
Phosphorous acid (grapes, juice, ferment and wine)	PHOSPHOROUS_ACID-01	\$ 315.00	\$ 346.50	155 mL /100g	10 days	LC/MS/MS
Phosphorous acid (Raw materials e.g. DAP)	PHOSPHOROUS_ACID-02	\$ 315.00	\$ 346.50	155 mL /100g	10 days	LC/MS/MS
Phosphorus	PHOSPHORUS	\$ 145.00	\$ 159.50	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	5 g	48 hours	Titration / FCC
Potassium carbonate purity (codex testing)	POTCARB_PURITY	\$ 18.90	\$ 20.79	5 g	48 hours	Titration / FCC
Potassium sorbate purity (codex testing)	POTSORB_PURITY	\$ 18.90	\$ 20.79	5 g	48 hours	Titration / FCC
Protein (mg/L Thaumatin)	PROTEIN	\$ 110.25	\$ 121.28	155 mL	15 days	HPLC
<b>R</b>						
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
<b>S</b>						
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	\$ 367.50	\$ 404.25	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	\$ 295.00	\$ 324.50	250 g		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	\$ 145.00	\$ 159.50	155 mL	15 days	Ion Chromatography
Sodium chloride (as NaCl) (grapes, raw material and other solids)	SODIUM_CHLORIDE-02	\$ 145.00	\$ 159.50	50 g	15 days	Ion Chromatography
Sorbic acid	SORBIC	\$ 27.30	\$ 30.03	10 mL	24 hours	UV-Vis
Specific gravity 20/20C	SG	\$ 21.00	\$ 23.10	25 mL	24 hours	Density meter
Specific gravity 20/20C (wines < 30 g/L sugar only)	SG_WS	\$ 10.50	\$ 11.55	100 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 <sub>2</sub> , 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 <sub>2</sub> , Sucrose and Alcohol)*	SFE_SWEET	\$ 159.60	\$ 175.56	750mL	48 hours	Various / ALC by NIR / Gallery / Rebelein
Sulfate (as K <sub>2</sub> SO <sub>4</sub> ) (liquid)	SULFATE-01	\$ 145.00	\$ 159.50	155 mL	15 days	Ion Chromatography
Sulfate (as K <sub>2</sub> SO <sub>4</sub> ) (grapes, raw material and other solids)	SULFATE-02	\$ 145.00	\$ 159.50	50 g	15 days	Ion Chromatography
Sulfur dioxide (free & total) (all wines, ciders, water & vinegar) EXCLUDES JUICE	SO2_GALLERY	\$ 25.20	\$ 27.72	10 mL	24 hours	GALLERY

Analysis	Item code	Price Per Sample Pre GST	Price Per Sample (GST Included)	Volume required	Estimated turnaround time	Instrument/ method used
Sulfur dioxide (free) (all wines, ciders, water & vinegar) <b>EXCLUDES JUICE</b>	SO2_GALLERY_FREE	\$ 14.70	\$ 16.17	10 mL	24 hours	GALLERY
Sulfur dioxide (total) (all wines, ciders, water & vinegar) <b>EXCLUDES JUICE</b>	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
<b>T</b>						
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	5 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, fortifieds)	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	100 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	100 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 SO2 & 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 SO2 and alcohol)*	TDE_DRY	\$ 67.20	\$ 73.92	N/A	24 hours	WineScan / Gallery
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
<b>U</b>						
UV-Vis scan	UV-VIS_SCAN	\$ 8.40	\$ 9.24	10 mL	24 hours	UV-Vis
<b>V</b>						
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_H2SO4	\$ 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
Volume check	VOLUME_CHECK	\$ 42.95	\$ 47.25	750 mL	24 hours	Scales
<b>W</b>						
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, titrateable 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	100 mL	24 hours	WineScan
WineScan suite with spectra data	WINESCAN_SPECTRA	\$ 63.00	\$ 69.30	100 mL	24 hours	WineScan

Analysis	Item code	Price Per Sample Pre GST	Price Per Sample (GST Included)	Volume required	Estimated turnaround time	Instrument/ method used
<b>Y</b>						
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
<b>Zinc</b>						
Zinc (water, wine)	METALS_SCREEN_SINGLE	\$ 31.50	\$ 34.65	15 mL	48 hours	ICP/MS
Zinc (fortified, 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





Price List  
Commercial Services as at 8 May 2020  
**BEER, HOPS AND WATER**

Analysis	Item code	Price Per Sample Pre GST	Price Per Sample (GST Included)	Volume required	Estimated turnaround time	Instrument/ method used
<b>Items in blue indicate analysis sent to an external laboratory</b>						
Repeat/Re-issue Certificates						
Repeat/Re-issue Certificates	RE_ISSUE_FEE	\$ 31.50	\$ 34.65	N/A	24 hours	N/A
Urgent Fee						
Urgent fee	30% - 50% per analysis			N/A	Contact Customer Service	
<b>A</b>						
Alcohol by NIR for Beer	ALC_NIR_BEER	\$ 18.90	\$ 20.79	50 mL	24 hours	NIR
Alpha and Beta hops acids (HPLC)	HOPS_ACIDS	\$ 147.00	\$ 161.70	100 g	15 days	HPLC
<b>B</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
<b>C</b>						
Calcium by ICP for Beer	CALCIUM_ICP_BEER	\$ 31.50	\$ 34.65	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) (results in SRM units)	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
<b>H</b>						
Hop oil profile by GC	HOP_OIL_PROFILE	\$ 231.00	\$ 254.10	100 g	15 days	GC
<b>M</b>						
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
<b>N</b>						
Nitrate for Water (mg/L)	NITRATE_WATER	\$ 17.85	\$ 19.64	50mL	24 hours	Hach Test Kit
<b>P</b>						
pH for Beer (Titramaster)	PH_BEER	\$ 8.40	\$ 9.24	25 mL	24 hours	Titramaster
pH for Water (Titramaster)	PH_WATER	\$ 8.40	\$ 9.24	25 mL	24 hours	Titramaster
Plato by density meter for beer	PLATO_BEER	\$ 10.50	\$ 11.55	20mL	24 hours	Density Meter
<b>S</b>						
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
<b>T</b>						
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
<b>V</b>						
VDK	VDK_BEER	\$ 157.50	\$ 173.25	50mL	15 days	GC



AWRI  
**COMMERCIAL SERVICES**  
 SO MUCH MORE THAN A GREAT LAB

Price List  
 Commercial Services as at 8 May 2020  
**SPIRITS**

Analysis	Login code	Price per sample	Price per sample (inc)	Volume required	Estimated turnaround time	Instrument / Method used
Items in blue indicate analysis sent to an external laboratory						
Repeat/Re-issue Certificates						
Repeat/Re-issue Certificates	RE_ISSUE_FEE	\$ 31.50	\$ 34.65	N/A	24 hours	N/A
Urgent Fee						
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-Ethylguaiaicol, 4-Methylguaiaicol, 5-methylfural, oak lactones (cis- and trans-), Eugenol, Furfural, Guaiaicol, 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