

Uncertainty of Measurement (expressed as 95% confidence interval)

Method #	NATA Method	Range	UOM (95% CI)
LM02	Total Dry Extract - calculation	All	± 0.5 g/L
LM04	pH – autotitrator / electrode	All	± 0.04
LM04	Total acid – autotitrator / electrode	All	± 0.06g/L
LM06	Iron	<3.0 mg/L	± 0.15mg/L
LM06	Iron	>3.0 mg/L	± 5%
LM06	Copper	<1.0 mg/L	± 0.05mg/L
LM06	Copper	>1.0 mg/L	± 5%
LM06	Potassium	<600 mg/L	± 19.0mg/L
LM06	Potassium	>600 mg/L	± 5%
LM06	Sodium	<80 mg/L	± 4.0mg/L
LM06	Sodium	>80 mg/L	± 5%
LM06	Calcium	<120 mg/L	± 6.0mg/L
LM06	Calcium	>120 mg/L	± 5%
LM09	Free & Total Sulphur Dioxide – aspiration	<60 mg/L	± 3.0mg/L
LM09	Free & Total Sulphur Dioxide – aspiration	>60 mg/L	± 5%
LM10	Volatile acidity – Steam distillation	<0.8 g/L	± 0.04g/L
LM10	Volatile acidity – Steam distillation	>0.8 g/L	± 5%
LM13	Alcohol – NIR	8.0 – 16.0% v/v	± 0.05% v/v
LM15	Sorbic acid	>5.0mg/L	± 3.0mg/L
LM16	Anthocyanin Diglucoside	All	N/A
LM23	Alcohol – distillation / densitometry	All	± 0.05% v/v
LM24	Specific gravity – density meter	All	± 0.0002g/cm ³
LM28	Acetic acid – WineScan	0.16 – 1.34g/L	± 0.08g/L
LM28	Alcohol – WineScan	10.5 – 16.5% v/v	± 0.1% v/v
LM28	pH – WineScan	2.96 – 3.80	± 0.05
LM28	Total acid at pH 7.0 – WineScan	4.36 – 7.66g/L	± 0.12g/L
LM28	Total acid at pH 8.2 – WineScan	4.84 – 8.15g/L	± 0.18g/L
LM28	Specific gravity – WineScan	0.9898 – 1.0000	± 0.00055
LM28	Glucose/Fructose – WineScan	<5.0g/L	± 0.27g/L
LM28	Glucose/Fructose – WineScan	5.0 - 30.0g/L	± 5%
LM29	Free & Total Sulphur Dioxide – FIA	<80 mg/L	± 4.0mg/L
LM29	Free & Total Sulphur Dioxide – FIA	>80 mg/L	± 5%
LM31	Acetic acid – enzymatic Daytona	<1.0g/L	± 0.05g/L
LM31	Acetic acid – enzymatic Daytona	>1.0g/L	± 5%
LM31	Glucose/Fructose – enzymatic Daytona	<1.0g/L	± 0.05g/L
LM31	Glucose/Fructose – enzymatic Daytona	>1.0g/L	± 5%
LM31	Malic acid – enzymatic Daytona	<1.0g/L	± 0.05g/L
LM31	Malic acid – enzymatic Daytona	>1.0g/L	± 5%
LM31	Citric acid – enzymatic Daytona	<0.4g/L	± 0.02g/L
LM31	Citric acid – enzymatic Daytona	>0.4g/L	± 5%