Winechek
PRECISION BASED EXPERTISE
www.winechek.com
ABN 93604651845

Yarra Valley - Site A 1/22 Hightech Place, Lilydale, VIC, 3140, Lab-yarra@winechek.com;
Margaret River - Site B - 3/53 Wrigglesworth Drive, Cowaramup, WA, 6284, Lab-WA@winechek.com;
Barossa Valley - Site C 10 Kalimna Road, Nuriootpa, SA, 5355, Lab-barossa@winechek.com

Method Uncertainty Data (WA)

Procedure	Determinant	Applicable Sample Types	Technique	Range	Measurement Uncertainty
VLM1	Acetic Acid	Beer; Carbonate Alcoholic Beverages; Fortifieds; Liquers; Sparkling Wine; Spirits; Wine	Classical	>0.10 g/L	±0.05 g/L
VLM3	Sugars	Beer; Fortifieds; Fruit Juice Concentrates; Liquers; Must; Spirits; Wine	Autoenzymatic analyser; Classical	>0.10 g/L	±0.27 g/L
VLM4	Malic Acid	Beer; Carbonate Alcoholic Beverages; Fortifieds; Liquers; Sparkling Wine; Spirits; Wine	Autoenzymatic analyser; Classical	>0.05 g/L	±0.25 g/L
VLM5	pH	Alcoholic Beverages; Fruit Juice Concentrates; Fruit Juices	Classical	All	±0.08
VLM8	Sulphur Dioxide	Alcoholic Beverages; Beer; Fortifieds; Fruit Juice Concentrates; Fruit Juices; Liqueurs; Must; Spirits; Wine	Classical	Free - All	±1.5 mg/L
				Total - All	±3.4 mg/L
VLM9	Titratable Acidity	Alcoholic Beverages; Beer; Fortifieds; Fruit Juice Concentrates; Fruit Juices; Liqueurs; Must; Spirits; Wine	Classical	All	±0.15 g/L
VLM11	Specific Gravity & Density	Alcoholic Beverages; Beer; Fortifieds; Fruit Juice Concentrates; Fruit Juices; Liqueurs; Must; Spirits; Wine	Classical	0.9900 - 1.1000	±0.00031 SG units
VLM17	Citric Acid	Alcoholic Beverages; Beer; Fortifieds; Fruit Juice Concentrates; Fruit Juices; Liqueurs; Must; Spirits; Wine	Autoenzymatic analyser; Classical	0.1 - 0.40 g/L	0.19 g/L
VLM25	Alcohol - Total Strength	Alcoholic Beverages; Fruit Juice Concentrates; Fruit Juices	Classical	10 - 20 % v/v	±0.08% v/v
VLM26	Total Dry Extract	Alcoholic Beverages; Fruit Juice Concentrates; Fruit Juices	Classical	Nomograph (SG < 1.025)	Repeatability: 1 g/L; Expanded Uncertainty: ± 2 g/L
				Densitometer (20 - 40 g/L)	Repeatability: 0.18 g/L; Expanded Uncertainty: ± 0.36 g/L
VLM27	Sorbic Acid	Alcoholic Beverages; Fruit Juice Concentrates; Fruit Juices	Classical	10 - 70 mg/L	ND**
				70 - 300 mg/L	Repeatability: 10mg/L; Expanded Uncertainty: ±0.1x, where x is the sample concentration of sorbic acid in mg/L
VLM33	Alcohol	Alcoholic Beverages; Beer; Fortifieds; Fruit Juice Concentrates; Fruit Juices; Liqueurs; Must; Spirits; Wine	Classical	0 - 20 % v/v	±0.08% v/v

**** No data currently available.**