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 (SA)

| Procedure | Determinant | Applicable Sample Types | Technique | Range | Measurement Uncertainty |
|---|---|---|---|---|---|
| **WI-6** | Acetic Acid | Beer; Carbonate Alcoholic Beverages; Fortifieds; Liquers; Sparkling Wine; Spirits; Wine | Classical | >0.10 g/L | ±0.08 g/L |
| **WI-6** | Sugars | Beer; Fortifieds; Fruit Juice Concentrates; Liquers; Must; Spirits; Wine | Autoenzymatic analyser; Classical | >0.10 g/L | ±0.37 g/L |
| **WI-6** | Malic Acid | Beer; Carbonate Alcoholic Beverages; Fortifieds; Liquers; Sparkling Wine; Spirits; Wine | Autoenzymatic analyser; Classical | >0.05 g/L | ±0.39 g/L |
| **TM-09A** | pH | Alcoholic Beverages; Fruit Juice Concentrates; Fruit Juices | Classical | All | ±0.06 |
| **TM-11** | 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 |
| **TM-09A** | Titratable Acidity | Alcoholic Beverages; Beer; Fortifieds; Fruit Juice Concentrates; Fruit Juices; Liqueurs; Must; Spirits; Wine | Classical | All | ±0.17 g/L |
| **TM-10A** | Specific Gravity & Density | Alcoholic Beverages; Beer; Fortifieds; Fruit Juice Concentrates; Fruit Juices; Liqueurs; Must; Spirits; Wine | Classical | 0.9900 - 1.1000 | ±0.00073 SG units |
| **TM-03** | Alcohol | Alcoholic Beverages; Beer; Fortifieds; Fruit Juice Concentrates; Fruit Juices; Liqueurs; Must; Spirits; Wine | Classical | 0 - 20 % v/v | ±0.12+A11:F24% v/v |
| **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 |
| **TM-03** | Alcohol - Total Strength | Alcoholic Beverages; Fruit Juice Concentrates; Fruit Juices | Classical | 10 - 20 % v/v | Expanded Uncertainty: ± 0.1 % v/v (est)* |