



NATA SCOPE SUMMARY - ACCREDITATION NUMBER 11587

Alcoholic Beverages; Beer; Carbonated Alcoholic Beverages; Fruit Juice Concentrates; Fruit Juices; Fruit and Fruit Products; Fortifieds; Liqueurs; Must; Sparkling Wine; Spirits; Wine

| Determinant | Technique | Procedure | Site A Scope | Site B Scope | Site D Scope |
|---|---|----------------|--------------------|--------------------|------------------|
| Acetic Acid | UV-vis spectrophotometric | In house VLM1 | Yes | Yes | Yes |
| Fructose; Glucose | UV-vis spectrophotometric | In House VLM3 | Yes | Yes | Yes |
| Malic Acid | UV-vis spectrophotometric | In House VLM4 | Yes | Yes | Yes |
| pH | Electrometric | in House VLM5 | Yes | Yes | Yes |
| Sugars - Reducing | Titration | In House VLM6 | Yes | | Yes |
| Sulphur Dioxide - Free; Sulphur Dioxide - Total | Titration | In House VLM8 | Yes | Yes | Yes |
| Titrateable Acidity | Titration | In House VLM9 | Yes | Yes | Yes |
| Specific Gravity | Densitometer ¹ : Hydrometer ² | In House VLM11 | Yes ^{1,2} | Yes ^{1,2} | Yes ² |
| Citric Acid | UV-vis spectrophotometric | In House VLM17 | Yes | Yes | Yes |
| Alcohol - Total Strength | Calculation | In House VLM25 | Yes | Yes | Yes |
| Total Dry Extract | Calculation | In House VLM26 | Yes | Yes | Yes |
| Sorbic Acid | UV-vis spectrophotometric | In House VLM27 | Yes | Yes | Yes |
| Alcohol | NIR | In House VLM33 | Yes | Yes | Yes |
| Density | Densitometer : Hydrometer | In House VLM11 | Yes | | |
| Sucrose | UV-vis spectrophotometric | In House VLM16 | Yes | | |
| Heat Stability | Turbidometry | In House VLM22 | Yes | | |
| Stability - Tartrate | Visual Examination | In House VLM23 | Yes | | |
| Caloric Value | Calculation | In House VLM25 | Yes | | |
| Calcium; Copper; Iron; Potassium; Sodium | ICP-AES | In House VLM40 | Yes | | |

Ground Waters; Trade Wastes; Waters for potable and domestic purposes

| Determinant | Technique | Procedure | Site A Scope | Site B Scope | Site D Scope |
|---------------------------------|---------------------------|-------------|--------------|--------------|--------------|
| Conductivity | Electrometric | In House H1 | | Yes | |
| pH | Electrometric | In House H2 | | Yes | |
| Solids - Suspended | Gravimetric | In House H3 | | Yes | |
| Solids - Dissolved | Gravimetric | In House H4 | | Yes | |
| Nitrogen - Total Kjeldahl (TKN) | Discrete analyser (DA) | In House H5 | | Yes | |
| Phosphorous - Total | Discrete analyser (DA) | In House H6 | | Yes | |
| Biochemical Oxygen Demand (BOD) | Dissolved oxygen analyser | In House H7 | | Yes | |
| Nitrate; Nitrite | Discrete analyser (DA) | In House H8 | | Yes | |

Full details of NATA Scope of Accreditation for Vintessential Laboratories (Accreditation Number 11587) can be found on the NATA website:
www.nata.com.au/accredited-facility