



The Australian Wine
Research Institute

Position Description

Title of position: Laboratory Technician

Reporting to: Trace Analysis Laboratory Manager

Overview:

The laboratory technician uses technical and analytical skills to provide accurate and reliable analytical services. These services are to ensure that grape and wine products meet Australian and international limits for agrochemical residues and to measure other wine or grape components as part of investigations into faults, taints or quality parameters.

Qualifications:

Bachelor of Science or equivalent experience

Experience:

Sufficient experience in previous role(s) to develop an appropriate understanding of wine chemistry.

Principal accountabilities:

1. Prepare samples submitted to the Trace Analysis Laboratory for agrochemical residue analyses and analyses of other wine and grape components. The analyses are to be performed in a timely and efficient manner in accordance with the laboratory's quality system.
2. Assist with method development and validation of analytical methods for agricultural chemical residues and other contaminants or components in grapes, juice and wine.
3. Assist in conducting analytical and administrative tasks required for the routine management of the Trace Analysis Laboratory including entering and checking of results.
4. Assist (when required) with small scale winemaking trials and other non-routine tasks.
5. Contribute to the maintenance of the NATA accreditation and quality of the Trace Analysis Laboratory by ensuring that analyses are performed according to agreed quality parameters, performing calibration of equipment according to schedule and complying with instructions detailed in the quality manual or other related documents.

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6. Conduct routine maintenance of instruments when required.
7. Contribute to laboratory housekeeping and cleanliness.
8. Accept that all Intellectual Property, Patents and discovery arising during the course of employment at the AWRI remains the property of the AWRI.
9. Undertake other duties as directed by the Group Manager or Managing Director.
10. Promote the general well-being of the AWRI by ensuring that all contact with clients, staff or the public is performed in a professional and confidential manner.

Person Specification:

1. Ability to maintain effective working relationships and contribute positively in a team environment.
2. Effective oral and written communication skills.

Workplace Health and Safety Responsibilities:

Employees and students must take reasonable care to protect their own health and safety, and have responsibilities to:

1. Ensure that they do not increase the risk to the health, safety or welfare of others through any act or omission.
2. Obey reasonable instructions that are designed to protect their health, safety and welfare.
3. Use, in the appropriate manner, equipment that is provided to protect their health, safety or welfare.
4. Not wilfully interfere with, or misuse, items or facilities provided in the interest of health, safety or welfare of employees.
5. Ensure that they are not affected by alcohol or any other drug to such an extent that they endanger themselves or others.
6. Report promptly, any hazards, incidents or injuries to their Manager/Team Leader.