



The Australian Wine  
Research Institute

## Position Description

**Title of Position:** Project Technician – Chemistry, AWRI Commercial Services

**Reporting to:** Senior Project Scientist – AWRI Commercial Services

**Term:** 12 months in the first instance

### Overview:

The Project Technician uses technical and analytical skills to provide accurate and reliable chemical analytical and method development services to the Commercial Services project team and other internal customers. These services contribute to ensuring the continued high standard and increasing scope of offerings to the Australian grape and wine sector.

### Qualifications:

Bachelor of Science or similar.

### Required experience:

- Practical experience in a research or laboratory environment.
- Demonstrated ability with chromatographic techniques, including method development and validation.

### Desired experience:

- Experience with, or knowledge of, GC-MS, LC-MS, UV/Vis and infra-red spectroscopy.
- Experience in, or knowledge of, the wine industry.
- Experience in technical report writing.

### Principal Accountabilities:

1. Provide method development, validation and implementation of analytical methods as required by the project team and analytical laboratories within AWRI Commercial Services.
2. Provide technical advice regarding analytical methods and trial design during project development.
3. Identify and support business opportunities for AWRI Commercial Services, as required.
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 Analytical Service Laboratory by ensuring that analyses are performed according to agreed quality parameters,

Corner of Hartley Grove and Paratoo Road, Urrbrae  
Correspondence:  
PO Box 197  
Glen Osmond SA 5064  
Australia

Website: [www.awri.com.au](http://www.awri.com.au)  
Telephone 61 8 8313 6600  
Facsimile 61 8 8313 6601

performing calibration of equipment according to schedule, and complying with instructions detailed in the quality manual or other related documents.

6. Conduct routine maintenance of instruments when required.
7. Contribute to the laboratory housekeeping and cleanliness.
8. Accept that all intellectual property, patents and discovery arising during the course of employment at the AWRI remain the property of the AWRI.
9. Undertake other duties as directed by the Senior Project Scientist, 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. Practical understanding of and experience in chemical analysis techniques, including gas and liquid phase chromatography. Experience with UV/Vis, infra-red and mass spectroscopy is highly preferable.
2. Ability to work and communicate successfully within a multi disciplinary environment and across different functional groups.
3. Ability to maintain effective working relationships and contribute positively in a team environment.
4. Superior oral and written communication skills.
5. Proactive mindset, with ability to prioritise tasks and manage challenging workloads with competing priorities.

#### **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 Senior Scientist/Group Manager.