



Australian Government

FBPLAB2003 Perform basic analytical tests

Release: 1

FBPLAB2003 Perform basic analytical tests

Modification History

Release	Comments
Release 1	This version released with FBP Food, Beverage and Pharmaceutical Training Package Version 2.0.

Application

This unit of competency describes the skills and knowledge required to perform a range of analytical tests and measurements in a standard laboratory environment.

The unit applies to individuals who apply basic laboratory principles to standard testing applications in industries related to the production of food and wine.

All work must be carried out to comply with workplace procedures, in accordance with State/Territory work health and safety, and food safety regulations, legislation and standards that apply to the workplace.

No occupational licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Unit Sector

Laboratory (LAB)

Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Prepare for testing	1.1 Identify and confirm job requirements 1.2 Confirm availability of required materials and services to meet testing requirements 1.3 Confirm environmental guidelines and identify potential workplace health and safety hazards and controls according to

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	workplace procedures 1.4 Select and fit appropriate personal protective equipment as per manufacturers' specification 1.5 Register samples and prepare for testing 1.6 Select, prepare and check equipment in accordance with workplace procedures 1.7 Identify and report defects in samples, test materials and equipment
2. Perform testing	2.1 Carry out test methods according to workplace procedures 2.2 Use equipment and materials in accordance with workplace procedures 2.3 Read and interpret results accurately 2.4 Identify and address non-conformance results in accordance with workplace processes
3. Complete testing	3.1 Collect, treat and dispose of or recycle waste generated by the testing in accordance with workplace waste management policies 3.2 Clean and sanitise equipment and work surfaces after use according to workplace requirements 3.3 Complete records according to workplace requirements

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria.

Skill	Description
Reading	<ul style="list-style-type: none"> Interpret information from a variety of workplace documents
Writing	<ul style="list-style-type: none"> Record workplace information using industry-specific vocabulary
Numeracy	<ul style="list-style-type: none"> Accurately interpret readings from gauges and scales
Get the work done	<ul style="list-style-type: none"> Problem solve issues as they arise

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FBPLAB2003 Perform basic analytical tests	FDFLAB2001A Perform basic analytical tests	Updated to meet Standards for Training Packages Prerequisite removed Minor changes to Performance Criteria to clarify outcomes Foundation skills added	Equivalent unit

Links

Companion Volume Implementation Guides are found in VETNet: -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=78b15323-cd38-483e-aad7-1159b570a5c4>