



Australian Government

Assessment Requirements for FBPLAB2003

Perform basic analytical tests

Release: 1

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Modification History

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

Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.

There must be evidence that the individual has performed basic analytical tests, including:

- prepared samples using at least two different methods
- performed at least three basic tests using standard methods and procedures
- recorded results accurately.

Knowledge Evidence

An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:

- purpose of tests performed as part of job role and principles of the standard methods/specifications used
- sample preparation processes relevant to job role
- typical basic tests and methods relevant to job role
- measurements used for typical tests
- function of key components of the test equipment, pre-use equipment and safety checks
- common causes and effects of inaccuracies or contamination, and preventive or corrective action required
- normal range of results for products tested
- relevant standards, specifications and legislative requirements (quality, health, food safety, labelling and equipment) and their implications on testing requirements
- health and safety hazards and controls
- safety data sheets (SDS) for chemicals used
- environmental issues and controls relevant to work role
- workplace requirements for recording and reporting problems
- cleaning and sanitising requirements of equipment and work area.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - a standard laboratory or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - a laboratory space equipped with basic test equipment, common measuring instruments, materials
- specifications:
 - standard methods, workplace procedures, SDS and equipment manuals.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

Companion Volume Implementation Guides are found in VETNet: -

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