

<b>Title</b>	<b>Describe laboratory quality systems</b>		
<b>Level</b>	<b>5</b>	<b>Credits</b>	<b>4</b>

<b>Purpose</b>	People credited with this unit standard are able to describe: the aims of laboratory quality systems; the management of laboratory quality systems; and the technical requirements of laboratory quality systems in accredited laboratories.
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<b>Classification</b>	Science > Science - Core
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<b>Available grade</b>	Achieved
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### Guidance Information

- 1 All work must be carried out in accordance with the quality management system, documented protocol system or Standard Operating Procedures acceptable in a commercial or research laboratory.
- 2 Health and Safety practices must conform to Australian/New Zealand Standard AS/NZS 2243 – *Safety in Laboratories* Parts 1, 2, 3, 7 and 10 available at <http://www.standards.co.nz> and <http://infostore.saiglobal.com/store>.
- 3 Legislation applicable to this unit standard includes:  
Health and Safety at Work Act 2015;  
Hazardous Substances and New Organisms Act 1996.
- 4 Glossary  
*Accredited laboratory* refers to a laboratory accredited according to the Australian/New Zealand Standard NZS ISO/IEC 17025:2005 *General requirements for the competence of testing and calibration laboratories*.

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### Outcomes and performance criteria

#### Outcome 1

Describe the aims of laboratory quality systems in accredited laboratories.

#### Performance criteria

- 1.1 Concepts of quality, fitness for purpose, and continuous improvement are described in laboratory quality systems.
- 1.2 Client expectations are described and related to the reliability of laboratory results.

**Outcome 2**

Describe the management of laboratory quality systems in accredited laboratories.

Range section 4 of New Zealand Standard 17025.

**Performance criteria**

2.1 The management requirements of the quality system are described in relation to the accredited laboratory.

**Outcome 3**

Describe the technical requirements of laboratory quality systems in accredited laboratories.

Range section 5 of New Zealand Standard 17025.

**Performance criteria**

3.1 The technical requirements of the quality system are described in relation to the accredited laboratory.

<b>Planned review date</b>	31 December 2023
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**Status information and last date for assessment for superseded versions**

Process	Version	Date	Last Date for Assessment
Registration	1	22 December 1996	31 December 2014
Revision	2	19 February 1998	31 December 2014
Review	3	23 November 1999	31 December 2014
Review	4	26 February 2003	31 December 2014
Review	5	21 May 2010	N/A
Rollover	6	27 January 2015	N/A
Review	7	27 September 2018	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0113
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

**Comments on this unit standard**

Please contact NZQA National Qualifications Services [nqs@nzqa.govt.nz](mailto:nqs@nzqa.govt.nz) if you wish to suggest changes to the content of this unit standard.