



REFERENCE MATERIAL CERTIFICATE



This certificate supersedes all previous issues.

A2LA Accredited
Reference Material Producer
Certificate Number 3189.03

Product Name MV0037 Legionella Daily Control

Batch Number RM5552

Hazard Information This material contains micro-organisms. Please take suitable precautions at all times when handling this reference material. Please download Safety Data Sheet via below link:
http://proficiency.ifmqs.com.au/dropbox/information/QMT025_MSDS_Microbiological_Reference_Material.pdf

Description of the Material Freeze dried pellet

Presentation	Individual units are heat sealed in a plastic bag and placed in a plastic jar
Number of Units provided:	Three (3)
Each unit consists of:	1 pellet
Units are contained in:	Stoppered glass vials

Target Organism Content	Organism Name (IFM Number)
	<i>Fluoribacter bozeman</i> (5506)
	<i>Legionella pneumophila</i> SG1 (5504)

Certified values and their uncertainties

Data was log transformed prior to applying statistical processes. The assigned value is the average of results on the declared day of test. The uncertainty of the assigned value is the largest standard error of each conducted test series. The lower limit takes into account the expected decline of the microbe levels over the certification interval. These have been calculated using all factors as described in ISO 17034.

Tests were conducted on:

September 26, 2024

5 replicate data points were used to generate this certificate

Results are expressed as cfu/vial

Test Name (Method Reference)	Assigned Value	Uncertainty of the Assigned Value (log)	Standard Deviation (log)	Calculated Limits for Daily Control Purposes	
				High limit	Low limit
Legionella sp (IFM0521)	3.8E+06	0.05	0.12	7.2E+06	1.1E+06
Legionella Total (IFM0521)	4.1E+06	0.06	0.12	6.9E+06	1.0E+06
LPSG1 (IFM0521)	2.4E+05	0.09	0.19	5.0E+05	3.6E+04

Additional Test Comments/Information

*Test Names marked with an * are not within the scope of accreditation*

Authorised By

Trevor Rumbekuan, Production Officer

