

REFERENCE MATERIAL CERTIFICATE



This certificate supersedes all previous issues.

A2LA Accredited Reference Material Producer Certificate Number 3189.03

Product Name	MV0037 Legionella Da	aily Control
Batch Number	RM5552	
Hazard Information		micro-organisms. Please take suitable precautions at all times when handling . 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	Organia	sm Name (IEM Number)

Target Organism Content

Organism Name (IFM Number)

Fluoribacter bozemanae (5506) Legionella pneumophila SG1 (5504)

Intended Use	Microbiological Reference Material							
Instructions for Use	Store unopened material at 3 °C - 5°C pr	rotected from light until used. Use aseptic technique at all times.						
	Add 10.0 mL Peptone Water or Butterfields solution. Dissolve the pellet using a sterile transfer pipette and mix thoroughly. Stand for 30 minutes. Dilute to achieve counts in suitable ranges for work being undertaken.							
		d between 3 °C - 5°C protected from light. Mix thoroughly before testing to ust only be used on the day of preparation.						
	·	contrary to the instructions. Values quoted have been statistically verified m sample size required to yield the defined quantitative parameters.						
	October 11, 2024							
Date of Certification	October 11, 2024							
Date of Certification Certificate Expiry	December 20, 2024	This material will be recertified after this expiry date.						

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.

Calculated Limits for Daily Control

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)	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 Rumbekuwan, Production Officer

Control Cha					1144088	2346342				7155361	MV0037 Legionella Daily Control	
C	ertification Date:	11/10/2024	2 9 9						to 7155	RM5552		
CRM Solution Preparation Date	Test Date	Details of settings / dilutions	Media Name and Batch / Method details	Date / Initials	Count obtained	less than	1144089	2346343	3548598	4750853	5953107 more than	Date / Initials
Assessed and reviewed	by:		Comments:									

Control Cha	art for: ertification Date:		la Total (IFM0521) Expiry: 20/12/2024							to 6942667 6942667	MV0037 Legionella Daily Control RM5552
CRM Solution Preparation Date	Test Date	Details of settings / dilutions	Media Name and Batch / Method details	Date / Initials	Count obtained	less than				5760399 t more than 69	Date / Initials
									_		
									+		
									+		
Assessed and reviewed	by:		Comments:		•						•

Control Cha	art for: ertification Date:		LPSG1 (IFM0521) Expiry: 20/12/2024							504861	MV0037 Legionella Daily Control
CRM Solution Preparation Date	Test Date	Details of settings / dilutions	Media Name and Batch / Method details	Date / Initials	Count obtained	less than		129873 to		411114 to	Date / Initials
									+		
									_		
									_		
Assessed and reviewed	by:		Comments:								