



REFERENCE MATERIAL CERTIFICATE

This certificate supersedes all previous issues.



A2LA Accredited
Reference Material Producer
Certificate Number 3189.03

Product Name	MV0037 Legionella Daily Control
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Batch Number	RM6073
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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: SDS Microbiological Reference Material
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Description of the Material	Freeze dried Pellet
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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>Legionella bozemanæ</i> (5506) <i>Legionella pneumophila</i> SG1 (5504)
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Intended Use	Microbiological Reference Material	
Instructions for Use	Store unopened material at 2°C - 6°C protected from light until used. Use aseptic technique at all times. 1. Aseptically open the vial. 2. Add 10ml of Peptone water or Butterfields solution into the vial. 3. Dissolve the pellet using a sterile transfer pipette and mix thoroughly. 4. Stand for 30 minutes at room temperature, protected from light. 5. Dilute to achieve counts in suitable ranges for work being undertaken. 6. Refer to the table below for reference values. Mix thoroughly before testing to resuspend settled product. Materials must only be used on the day of preparation. Once prepared, materials must be stored at 2°C - 6°C protected from light. Values quoted in this certificate do not apply when the reference material is used in a manner contrary to the instructions. Values quoted have been statistically verified using the instructions described above. The specified volume in the instructions is the minimum sample size required to yield the defined quantitative parameters.	
Date of Certification	August 17, 2026	
Certificate Expiry	November 24, 2026	This material will be recertified after this expiry date.
Product Expiry	June 10, 2027	

Certified values and their uncertainties

Tests were conducted on:

Data was log transformed prior to applying statistical processes. The assigned value is the average of results on the declared day of test. The expanded uncertainty of the assigned value is based on the combined standard uncertainty in accordance with ISO 17034 (where k = 2 is the coverage factor for 95% confidence). 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.

August 6, 2026

5 replicate data points were used to generate this certificate

Results are expressed as cfu/vial	Test Name (Method Reference)	Assigned Value	Expanded Uncertainty (log ₁₀ value)	Standard Deviation (log ₁₀ value)	Calculated Limits for Daily Control Purposes	
					High limit	Low limit
	Legionella spp. Count (IFM0521)	3.6E+06	0.44	0.07	9.8E+06	5.8E+05
	Legionella Total Count (IFM0521)	8.4E+06	0.44	0.07	2.3E+07	1.1E+06
	Legionella pneumophila SG1 Count (IFM0521)	4.7E+06	0.23	0.12	7.5E+06	1.2E+06

Additional Test Comments/Information

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

Authorised By

Samuel Baillie, Production Technician

Control Chart for:

Legionella spp. Count (IFM0521)

Certification Date: 17/08/2026

Expiry: 24/11/2026

CRM Solution Preparation Date	Test Date	Details of settings / dilutions	Media Name and Batch / Method details	Date / Initials	Count obtained	less than 576909	2413672	4250435	6087198	7923960	more than 8	Date / Initials
Assessed and reviewed by:			Comments:									

Control Chart for:

Legionella Total Count (IFM0521)

Certification Date: 17/08/2026

Expiry: 24/11/2026

CRM Solution Preparation Date	Test Date	Details of settings / dilutions	Media Name and Batch / Method details	Date / Initials	Count obtained		less than 1067267	5390797	9714327	14037867	18361386	more than : 	Date / Initials
Assessed and reviewed by:			Comments:										

Control Chart for:

Legionella pneumophila SG1 Count (IFM0521)

Certification Date: 17/08/2026

Expiry: 24/11/2026

CRM Solution Preparation Date	Test Date	Details of settings / dilutions	Media Name and Batch / Method details	Date / Initials	Count obtained	less than	1239286	1239287	to	2489623	2489624	to	3739960	3739961	to	4990297	4990298	to	6240634	6240635	to	7490971	more than	7490971	MV0037 Legionella Daily Control	
																									RM6073	
																									Date / Initials	
Assessed and reviewed by:			Comments:																							