

Product Specification Sheet

Legionella GVPC Selective Medium

Intended Usage: A selective medium for the isolation of *Legionellaceae*.

For professional use only.

PO5074A	
Version: 17	Revision Date: March 2020

Thermo Scientific™ Legionella GVPC Selective Medium

Form of Product	Poured plate
Storage	2 – 12°C
Filling weight	22 g ± 5 %
Packaging	10 plates wrapped in film
pH	6.8 ± 0.2
Appearance	Traffic black to jet black, opaque
Shelf life	12 weeks
Intended Usage	A selective medium for the isolation of <i>Legionellaceae</i> . For professional use only.
Technique	Depends on the different methods. For information see Specification Sheets for Thermo Scientific™ Oxoid™ CM0655 / SR0110 / SR0152.

Typical formulation*	g/l
Activated charcoal	2.0
Yeast extract	10.0
α-Ketoglutarate	1.0
ACES Buffer	10
Potassium hydroxide	2.8
L-cysteine hydrochloride	0.4
Iron (III) pyrophosphate	0.25
Ammonia-free glycine	3.0
Cycloheximide	0.08
Vancomycin hydrochloride	0.001
Polymyxin B sulphate	80,000 IU
Agar	13.0

*Adjusted as required to meet performance standards.

Quality Control

1. Control for general characteristics, labeling and printing.
2. Contamination check
 - ≥ 72 h @ 20 – 25 °C, aerobic
 - ≥ 72 h @ 30 – 35 °C, aerobic
3. Microbiological control

Positive Controls	
Inoculum 50-120 colony forming units (cfu) Results after incubation at 72 – 96 h @ 36 ± 1°C, high humid atmosphere (>90%)	
Strains tested by both membrane filtration and spread plate methods	
<i>Legionella pneumophila</i> ATCC®33152™ (WDCM 00107)	2 – 6 mm, grey-blue colonies.
Colony counts shall be ≥ 50% of the control medium (Legionella BCYE Medium).	
<i>Legionella anisa</i> ATCC®35292™ (WDCM 00106)	2 – 4 mm, grey-blue colonies.
Colony counts shall be ≥ 70% of the control medium (previously accepted batch of Legionella GVPC Selective Medium).	

Negative Controls	
Inoculum ≥ 10 ⁴ cfu Results after incubation at 72 – 96 h @ 36 ± 1°C, high humid atmosphere (>90%)	
Strains tested by spread plate method	
<i>Escherichia coli</i> ATCC®8739™ (WDCM 00012)	Total or partial inhibition.
<i>Escherichia coli</i> ATCC®25922™ (WDCM 00013)	Total or partial inhibition.
<i>Enterococcus faecalis</i> ATCC®19433™ (WDCM 00009)	Total inhibition.
<i>Enterococcus faecalis</i> ATCC®29212™ (WDCM 00087)	Total inhibition.

The typical formulation corresponds to that defined in the standards ISO 11731 and NF T90-431.

Tested in accordance with ISO 11731 using the methods of ISO 11133:2014 with the exception of *L. anisa* which is tested against a previously accepted batch of GVPC.

ATCC® registered trademark of American Type Culture Collection.