

CERTIFICATE OF ANALYSIS

PRODUCT CM0559B
PSEUDOMONAS AGAR BASE 500g

LOT NUMBER 6255330

EXPIRY DATE 2030.04.30

DATE OF MANUFACTURE 2025.04.02

Delivery/Customer information

Date Printed

2025.04.15

Delivery No.

Customer

Customer Order Number

Physical Characteristics	Results	Specification
Appearance	Straw powder	Straw powder
Colour on reconstitution	Straw 1-2	Straw 1-2
pH (25°C)	7.0	6.9 - 7.3
Clarity	Clear	Clear

Microbiological Performance	Control cfu	Test cfu	Recovery Test %	Description
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Tested with the addition of Pseudomonas CN Selective Supplement SR0102

Aerobic incubation at 36 ± 2°C for 18 ± 2 hours

<i>Pseudomonas aeruginosa</i> ATCC®25668	44	47	107
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Inoculation using diminishing sweep technique

<i>Pseudomonas aeruginosa</i> ATCC®25668	>1E+04	-	-	Straw cols, green pigment
<i>Burkholderia cepacia</i> ATCC®25416	>1E+04	-	-	Straw cols
<i>Pseudomonas putida</i> NCIMB9034	>1E+04	0	-	No growth
<i>Pseudomonas fluorescens</i> NCTC3756	>1E+04	0	-	No growth
<i>Proteus hauseri</i> ATCC®13315	>1E+04	0	-	No growth
<i>Klebsiella pneumoniae</i> ATCC®29665	>1E+04	0	-	No growth
<i>Staphylococcus aureus</i> ATCC®25923	>1E+04	0	-	No growth
<i>Citrobacter freundii</i> ATCC®8090	>1E+04	0	-	No growth

Tested with the addition of Pseudomonas CFC Selective Supplement SR0103

Aerobic incubation at 30 ± 2°C for 44 ± 4 hours

<i>Pseudomonas aeruginosa</i> ATCC®27853	38	39	103	
<i>Burkholderia cepacia</i> ATCC®25416	37	42	114	
<i>Klebsiella pneumoniae</i> ATCC®29665	>1E+04	0	-	No growth
<i>Staphylococcus aureus</i> ATCC®25923	>1E+04	0	-	No growth
	Control	Test	Log(10)	Reduction
	cfu	cfu		
<i>Citrobacter freundii</i> ATCC®8090	7.8E+02	3.0E+00	2	Straw cols
<i>Proteus hauseri</i> ATCC®13315	5.6E+04	0.0E+00	5	No growth

Inoculation using diminishing sweep technique

<i>Pseudomonas aeruginosa</i> ATCC®27853	>1E+04	-	-	Straw cols, green pigment
<i>Burkholderia cepacia</i> ATCC®25416	>1E+04	-	-	Straw cols

Aerobic incubation at 25 ± 2°C for 44 ± 4 hours

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<i>Pseudomonas putida</i> NCIMB9034	35	25	71	
Inoculation using diminishing sweep technique				
<i>Pseudomonas putida</i> NCIMB9034	>1E+04	-	-	Straw cols

Testing has been performed in accordance with ISO11133:2014
Tested with the addition of *Pseudomonas* CN Selective Supplement SR0102
Aerobic incubation at 36 ± 2°C for 44 ± 4 hours

Filtration technique

<i>Ps. aeruginosa</i> ATCC®27853 WDCM00025	99	88	89	Straw cols, green pigment
<i>Ps. aeruginosa</i> ATCC®9027 WDCM00026	61	52	85	Straw cols, green pigment
<i>Ps. aeruginosa</i> ATCC®10145 WDCM00024	66	69	105	Straw cols, green pigment

Fluorescence

	Inoculum			Test Description
<i>Ps. aeruginosa</i> ATCC®27853 WDCM00025	99	-	-	+ve fluorescence
<i>Ps. aeruginosa</i> ATCC®9027 WDCM00026	61	-	-	+ve fluorescence
<i>Ps. aeruginosa</i> ATCC®10145 WDCM00024	66	-	-	+ve fluorescence

Inoculation using diminishing sweep technique

<i>E. coli</i> ATCC®8739 WDCM00012	4.6E+04	-	-	Cream cols
<i>E. coli</i> ATCC®25922 WDCM00013	>1E+04	0	-	No growth
<i>E. faecalis</i> ATCC®19433 WDCM00009	>1E+04	0	-	No growth
<i>E. faecalis</i> ATCC®29212 WDCM00087	>1E+04	0	-	No growth

Tested with the addition of *Pseudomonas* CFC Selective Supplement SR0103
Surface plate technique

Aerobic incubation at 25 ± 2°C for 44 ± 4 hours

<i>Ps. fluorescens</i> ATCC®13525 WDCM00116	116	93	80	Straw cols, yellow/green pigment
<i>Ps. fragi</i> ATCC®4973 WDCM00115	99	91	92	Straw cols
<i>E. coli</i> ATCC®8739 WDCM00012	>1E+04	0	-	No growth
<i>E. coli</i> ATCC®25922 WDCM00013	>1E+04	0	-	No growth

Control Medium: Tryptone Soya Agar

A satisfactory result is represented by recovery of positive strains equal to or greater than 50% of the control medium.
For *Escherichia coli* ATCC®8739 WDCM00012, testing with the addition of *Pseudomonas* CN Selective Supplement SR0102, a satisfactory result is represented by less than 50 cfu from an inoculum of greater than 1E+04 colony-forming units (cfu).
Some strains of *Pseudomonas aeruginosa* may produce little or no pigment with single colonies from low inocula. *Pseudomonas* species are also tested using high inocula.

Refer to product specification for full details.

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Lot Accepted. 2025.04.14

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