

CERTIFICATE OF ANALYSIS

PRODUCT CM0329B
BRILLIANT GREEN AGAR (Modified) 500g

LOT NUMBER 3784609

EXPIRY DATE 2029.02.28

DATE OF MANUFACTURE 2024.02.09

Delivery/Customer information

Date Printed

2024.03.06

Delivery No.

Customer

Customer Order Number

Physical Characteristics	Results	Specification
Appearance	Light green or orange powder	Light green or orange powder
Colour on reconstitution	Orange/red	Orange/red
pH (25°C)	6.9	6.7 - 7.1
Clarity	Clear	Clear

Microbiological Performance	Control cfu	Test cfu	Recovery Test %	Description
Aerobic incubation at 37°C for 18 hours				
<i>Salmonella enteritidis</i> ATCC®13076	42	35	83	Red cols & medium
<i>Salmonella typhimurium</i> ATCC®14028	34	42	124	Red cols & medium
<i>Salmonella virchow</i> NCTC5742	62	61	98	Red cols & medium
<i>Salmonella nottingham</i> NCTC7832	40	42	105	Red cols & medium
<i>Pseudomonas aeruginosa</i> ATCC®9027	81	84	104	Red cols & medium
<i>Escherichia coli</i> ATCC®25922	>1E+04	-	-	Yellow/green cols
	Control cfu	Test cfu	Log(10) Reduction	
<i>Escherichia coli</i> ATCC®11775	3.8E+04	0.0E+00	4	No growth
<i>Proteus mirabilis</i> ATCC®29906	7.0E+04	0.0E+00	5	No growth
<i>Proteus mirabilis</i> ATCC®12453	7.8E+04	0.0E+00	5	No growth
<i>Enterobacter cloacae</i> ATCC®13047	6.8E+03	2.0E+01	2	Yellow/green cols

Control Medium: Tryptone Soya Agar

A satisfactory result is represented by recovery of positive strains equal to or greater than 70% of the control medium from an inoculum of 10-100 colony-forming units (cfu). Negative strains are inhibited or shall produce at least a 1 log(10) reduction when compared to the control medium.

For *Pseudomonas aeruginosa* ATCC®9027, a satisfactory result is represented by recovery equal to or greater than 50% of the control medium from an inoculum of 10-100 cfu. For *Escherichia coli* ATCC®25922, a satisfactory result is represented by a negative diagnostic reaction from an inoculum of 1E+04 to 1E+06 cfu.

Refer to product specification for full details.

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Lot Accepted. 2024.02.23

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