

CERTIFICATE OF ANALYSIS

PRODUCT CM0131R
TRYPTONE SOYA AGAR 2.5kg

LOT NUMBER 6258291

EXPIRY DATE 2030.04.30

DATE OF MANUFACTURE 2025.04.15

Delivery/Customer information

Date Printed

2025.05.06

Delivery No.

Customer

Customer Order Number

Physical Characteristics	Results	Specification
Appearance	Straw powder	Straw powder
Colour on reconstitution	Straw 2	Straw 1-2
pH (25°C)	7.3	7.1 - 7.5
Clarity	Clear	Clear
Blood compatibility with horse blood	Satisfactory	Satisfactory
Blood compatibility with sheep blood	Satisfactory	Satisfactory

Microbiological Performance	Control cfu	Test cfu	Recovery Test %	Description
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Aerobic incubation at 30-35°C for 18-24 hours

<i>Streptococcus pyogenes</i> ATCC®19615	31	23	74	Pale straw cols
<i>Streptococcus viridans</i> NCTC1080	21	26	124	Pale straw cols
<i>Staphylococcus aureus</i> ATCC®9144	64	65	102	Straw cols
<i>Staphylococcus epidermidis</i> ATCC®12228	28	24	86	White/grey cols

Enriched with 7% v/v horse blood

Aerobic incubation at 37°C for 24 hours

<i>Streptococcus pyogenes</i> ATCC®19615	29	30	103	Pale straw cols, beta haemolysis
<i>Streptococcus viridans</i> NCTC1080	40	32	80	Grey/green cols, alpha haemolysis
<i>Streptococcus pneumoniae</i> ATCC®6305	21	22	105	Grey/green cols, alpha haemolysis

Enriched with 7% v/v horse blood

Microaerophilic incubation at 37°C for 48 hours

<i>Haemophilus influenzae</i> ATCC®19418	54	38	70	Colourless cols
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Growth of *Haemophilus* spp. in the presence of X & V factor discs

Aerobic incubation at 37°C for 18 hours

	X Factor (mm)	V Factor (mm)	X+V Factor (mm)
<i>Haemophilus influenzae</i> ATCC®9334	0	0	16
<i>Haemophilus influenzae</i> ATCC®19418	0	0	19
<i>Haemophilus influenzae</i> ATCC®49247	0	0	17
<i>Haemophilus parainfluenzae</i> ATCC®33392	0	44	45

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Bacitracin activity

Aerobic incubation at 37°C for 18 hours

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	Zone Size (mm)		Limits (mm)	
<i>Streptococcus pyogenes</i> ATCC®19615	14		10 - 20	
Tested in accordance with current USP/EP/BP/JP				
Aerobic incubation at 30-35°C for 24 hours				
<i>Staphylococcus aureus</i> ATCC®6538	67	64	96	Straw cols
<i>Escherichia coli</i> ATCC®8739	55	71	129	Cream cols
<i>Bacillus subtilis</i> ATCC®6633	83	98	118	Irregular, straw cols
<i>Pseudomonas aeruginosa</i> ATCC®9027	70	65	93	Straw cols
<i>Salmonella typhimurium</i> ATCC®14028	58	51	88	Straw cols
<i>Salmonella abony</i> NCTC6017	91	88	97	Straw cols
Aerobic incubation at 30-35°C for up to 5 days				
<i>Candida albicans</i> ATCC®10231	48	37	77	Cream cols
<i>Aspergillus brasiliensis</i> ATCC®16404	20	26	130	White mycelia, no spores
Testing has been performed in accordance with ISO11133:2014				
Aerobic incubation at 30 ± 2°C for 24 ± 2 hours				
<i>B. cereus</i> ATCC®11778 WDCM00001	62	58	94	Irregular, straw cols
<i>B. subtilis</i> ATCC®6633 WDCM00003	83	98	118	Irregular, straw cols
<i>E. coli</i> ATCC®8739 WDCM00012	55	71	129	Cream cols
Aerobic incubation at 36 ± 2°C for 20 ± 2 hours				
<i>E. coli</i> ATCC®25922 WDCM00013	84	81	96	Cream cols
<i>E. coli</i> ATCC®11175 WDCM00090	97	89	92	Cream cols
<i>E. coli</i> NCTC13167 WDCM00179	64	57	89	Cream cols
<i>P. aeruginosa</i> ATCC®10145 WDCM00024	82	89	109	Straw cols
<i>E. faecalis</i> ATCC®29212 WDCM00087	71	71	100	Straw cols
Aerobic incubation at 37 ± 2°C for 24 ± 2 hours				
<i>S. aureus</i> ATCC®25923 WDCM00034	108	126	117	Straw cols
<i>L. monocytogenes</i> ATCC®13932 WDCM00021	110	100	91	Straw cols
Aerobic incubation at 44 ± 2°C for 21 ± 3 hours				
<i>E. coli</i> ATCC®8739 WDCM00012	64	66	103	Cream cols
Anaerobic incubation at 44 ± 2°C for 21 ± 3 hours				
<i>C. perfringens</i> ATCC®13124 WDCM00007	103	105	102	Straw cols

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Tested in accordance with current CLSI M22 A

Enriched with 5% v/v sheep blood

Aerobic incubation at 35°C for 18-24 hours

<i>Streptococcus pyogenes</i> ATCC®19615	1E+04-1E+06	Pale straw cols, beta haemolysis
<i>Streptococcus pneumoniae</i> ATCC®6305	1E+04-1E+06	Grey/green cols, alpha haemolysis
<i>Staphylococcus aureus</i> ATCC®25923	1E+04-1E+06	White/grey cols
<i>Escherichia coli</i> ATCC®25922	1E+04-1E+06	Straw 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.
Refer to product specification for full details.

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Lot Accepted. 2025.05.06

This certificate is produced electronically and valid without a signature.

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