

CERTIFICATE OF ANALYSIS

PRODUCT PP2220SP
TSA SHP BLD / CHROM ORIENT

LOT NUMBER 3424628

EXPIRY DATE 03.03.2022

DATE OF MANUFACTURE 06.01.2022

Delivery/Customer information

Date Printed
20.01.2022

Delivery No.
8711570634

Customer
511572
THERMO FISHER SCI. TAIWAN CO.
LTD
2102127

Physical Characteristics	Results	Specification
TSA SHEEP		
Appearance	Red opaque gel	Red opaque gel
pH	7,38	7,10 - 7,50
CHROMAGAR ORIENTATION		
Appearance	Straw, slightly opalescent gel	Straw, slightly opalescent gel
pH	7,18	6,80 - 7,20

Sterility: Samples of this batch have been incubated at 35°C and room temperature to ensure product meets acceptable levels of sterility.

Microbiological Characteristics	Results	Specification Quantitative Tests
TSA SHEEP		
O2, 35°C, 18-24hr		
<i>Staphylococcus aureus</i> ATCC®25923	1-2mm white colonies	
<i>Escherichia coli</i> ATCC®25922	1-3mm cream colonies	
<i>Strep. agalactiae</i> ATCC®12386	CAMP Test (+), Arrowhead area formation	
<i>Streptococcus pyogenes</i> ATCC®19615	CAMP Test (-), No arrowhead formation	
CO2, 35°C, 18-24hr		
<i>Streptococcus pyogenes</i> ATCC®19615	0.5-1mm colourless cols, beta haemolysis	
<i>Streptococcus pneumoniae</i> ATCC®6305	0.5mm colourless cols, alpha haemolysis	
ANO2, 35°C, 24-48hr		
<i>Bacteroides fragilis</i> ATCC®25285	1-2mm light grey colonies	
<i>Clostridium perfringens</i> ATCC®13124	3-5mm colourless spreading cols, β haemo	
CHROMAGAR ORIENTATION		
O2, 35°C, 24hr		
<i>Escherichia coli</i> ATCC®25922	1-2mm red (mauve) colonies and indole +	
<i>Enterococcus faecalis</i> ATCC®29212	0.5-1mm turquoise (aqua marine blue) col	
<i>Klebsiella pneumoniae</i> ATCC®13883	1-3mm metallic blue colonies	
<i>Proteus mirabilis</i> ATCC®12453	1-2mm brown colonies with halo	
<i>Pseudomonas aeruginosa</i> ATCC®27853	1-2mm cream translucent colonies	
<i>Staphylococcus aureus</i> ATCC®25923	1-2mm white colonies	
<i>Staph. saprophyticus</i> ATCC®15305	0.5-1mm purple opaque colonies	

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8711570634 900002 / 21.01.2022

Released By



Nurliyana binti Nazri

MANUFACTURED AND TESTED BY: Thermo Scientific Microbiology Sdn Bhd (409466A)

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