



CERTIFICATE OF ANALYSIS

Product Name	Tryptic Soy Agar w/ Penase+ 2Neutralisant
Catalogue No	02069
Batch No	2412085
Dehydrated Brand / Batch No / Expiry Date	TSA : Oxoid/ 6140313/07-2029
Neutralizer Brand / Batch No / Expiry Date	Lecithin (Neogen) / UK4328622/ 04-2026 Tween 80 (SABO)/ 2000125511/ /03-2025 Penase (BD) /3271259 / 03-2025
Production Date	30.12.2024
Expiry Date	30.04.2025
Storage Conditions	2-25°C

Physical & Chemical Specifications

Appearance	Must have a smooth surface	Appropriate
Color	Light amber	Appropriate
pH	7,3 ± 0,2	7,32
Dryness Test	4 hours	Appropriate

Efficiency Test- Kocuria rhizophila (ATCC 9341)

Active substances tested	Batch number / Brand	Expiry date
Ampicillin (25 µg)	3577776 / Oxoid	2025 / 11
Amoxycillin (25 µg)	3466843 / Oxoid	2025 / 04
Ceftriaxone (30 µg)	3562818 / Oxoid	2025 / 10
Cefuroxime Sodium(30 µg)	3584829 / Oxoid	2025 / 11

Microbiological Specifications: Productivity and acc. To ISO/TS 11133

Method of control: Counting Method	Inoculum: (+ control 10-100 cfu, - control 100 - 1000 cfu)	Incubation: 30- 35 °C 24- 72 h (bacteria) 20- 25 °C 48- 120 h (fungi)
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Sterility	Incubation: 30-35 °C ; 3 days(bacteria) 20-25 °C ; 5 days (fungi)	Sterile
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QC Strains	ATCC	Results			
		Control	Product	Growth	
Escherichia coli	8739	72	74	%102	Appropriate
Staphylococcus aureus	6538	74	74	%100	Appropriate
Pseudomonas aeruginosa	9027	73	74	%101	Appropriate
Staphylococcus epidermidis	12228	75	75	%100	Appropriate
Bacillus subtilis	6633	73	73	%100	Appropriate
Candida albicans	10231	74	74	%100	Appropriate
Aspergillus brasiliensis	16404	74	76	%102	Appropriate

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Raw Material	Type	TSA I. (mm)	TSA II. (mm)	TSA Ave. (mm)	TSA Activity (mm)	TSA+P I. (mm)	TSA+P II. (mm)	TSA+P Ave. (mm)	TSA+P Activity (mm)	TSA+P Activity (%)
Ampicillin (25 µg)	Pen.	44.3	45.3	45.1	37.6	0.0	0.0	0.0	0.0	100.0
Amoxycillin(25 µg)	Pen .	44.2	45.8	44.9	37.4	0.0	0.0	0.0	0.0	100.0
Ceftriaxone (30 µg)	Cef .	50.1	51.3	51.2	43.1	48.4	49.1	48.5	40.5	3,8
Cefuroxime Sodium (30 µg)	Cef.	51.3	50.8	49.5	43.4	49.3	50.4	49.2	41.8	2,9

Acceptance Criteria:%50-200

QC Date	06.01.2025
QC Manager	ALİ ARAS

This document has been prepared electronically.