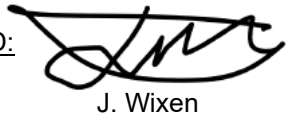
Thermo SCIENTIFIC

SENSITITRE® QUALITY CONTROL RESULTS

FORMAT: **EUVSEC3** BATCH NO: **B5447**

DATE MANUFACTURED: 2025-11-02 EXPIRY DATE: 2027-11-02

SIGNED:  CERTIFICATE ISSUE DATE: 2025-11-12

J. Wixen
(Quality Manager)

RESULTS SUMMARY

1. Contamination	Pass
2. Positive growth control	Pass
3. Negative growth control	N/A
4. Packaging	Pass
5. Performance.	Pass

Inoculum broth. Mueller Hinton broth supplemented to divalent cation level of 12.5mg Mg^{++} / L and 25mg Ca^{++}/ L.
Inoculum – $1x10^5$ cfu / mL.

* Acceptable Quality Control Ranges of Minimum Inhibitory Concentrations (MICs µg/ml) for Reference Strains - CLSI M7 (M100).

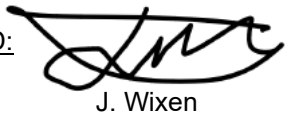
** Sensititre® Development Range.

ANTIMICROBIC	***S. aureus***		***E. faecalis***	
	ATCC 29213		**ATCC 29212**	
	Range*	**Result**	**Range***	**Result**
	MIC (µg / ml)		**MIC (µg / ml)**	
AMPICILLIN	0.25 – 1 **	≤ 1	0.5 – 2	≤ 1
MEROPENEM	0.03 – 0.12	0.12	2 – 8	4
CIPROFLOXACIN	0.12 – 0.5	0.25 – 0.5	0.25 – 2	0.5 – 1
AZITHROMYCIN	0.5 – 2	≤ 2		
AMIKACIN	1 – 4	≤ 4	64 – 256	128
GENTAMICIN	0.12 – 1	≤ 0.5 – 1	4 – 16	8 – 16
TIGECYCLINE	0.03 – 0.25	≤ 0.25	0.03 – 0.12	≤ 0.25
CEFTAZIDIME	4 – 16	8		
CEFOTAXIME	1 – 4	2		
CHLORAMPHENICOL	2 – 16	≤ 8	4 – 16	≤ 8
TETRACYCLINE	0.12 – 1	≤ 2	8 – 32	16
TRIMETHOPRIM	1 – 4	1	0.12 – 0.5	≤ 0.25

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SIGNED: 

J. Wixen
(Quality Manager)

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ANTIMICROBIC	*E. coli*		*P. aeruginosa*	
	ATCC 25922		ATCC 27853	
	Range *	Result	Range *	Result
	MIC (µg / ml)		MIC (µg / ml)	
AMPICILLIN	2 – 8	4		
MEROPENEM	0.008 – 0.06	≤ 0.03	0.25 – 1	0.25 – 1
CIPROFLOXACIN	0.004 – 0.015	≤ 0.015	0.12 – 1	0.25
AMIKACIN	0.5 – 4	≤ 4	1 – 4	≤ 4
GENTAMICIN	0.25 – 1	≤ 0.5	0.5 – 2	1
TIGECYCLINE	0.03 – 0.25	≤ 0.25		
CEFTAZIDIME	0.06 – 0.5	≤ 0.25	1 – 4	1 – 2
CEFOTAXIME	0.03 – 0.12	≤ 0.25	8 – 32	> 4
CHLORAMPHENICOL	2 – 8	≤ 8		
COLISTIN	0.25 – 2	≤ 1	0.5 – 4	≤ 1
NALIDIXIC ACID	1 – 4	≤ 4		
TETRACYCLINE	0.5 – 2	≤ 2	8 – 32	8 – 16
TRIMETHOPRIM	0.5 – 2	1	> 64	> 16

ANTIMICROBIC	*E. coli*	
	ATCC 35218	
	Range *	Result
	MIC (µg / ml)	
AMPICILLIN	> 32	> 32

5. Performance. (Continued)

On scale MIC obtained by varying inoculum volume and performing off-line dilutions.

ANTIMICROBIC	STRAIN	ATCC NO:	ACCEPTABLE QC RANGE * (µg/ml)	MIC (µg/ml)
AZITHROMYCIN	*S. aureus*	29213	0.5 – 2	1
AMIKACIN	*E. faecalis*	29212	64 – 256	64 – 256
COLISTIN	*P. aeruginosa*	27853	0.5 – 4	0.5
NALIDIXIC ACID	*E. coli*	25922	1 – 4	2
SULFAMETHOXAZOLE	*P. aeruginosa*	25619	8 – 32 **	32
CHLORAMPHENICOL	*E. faecalis*	29212	4 – 16	4
TIGECYCLINE	*E. coli*	25922	0.03 – 0.25	0.06