

# Liofilchem®

## Certificate of Analysis

Product	Batch	Expiration date
<b>KPC&amp;MBL&amp;OXA-48 disc kit (acc. to EUCAST)</b>	011124506	2027.01.09
Ref. 99007		

Kit Content	Batch	Expiration date
<b>Meropenem MRP 10 µg</b>	011024108	2027.01.09
<b>Meropenem+Phenylboronic acid MR+BO</b>	011024115	2027.01.09
<b>Meropenem+EDTA MR+ED</b>	011024113	2027.01.09
<b>Meropenem+Cloxacillin MR+CL</b>	011024112	2027.01.09
<b>Temocillin TMO 30 µg</b>	011024116	2027.01.09

**Antimicrobial Susceptibility Testing**

Tested according to current EUCAST methodology

Mueller Hinton II Agar, 0.5 McFarland in saline, ambient, 36 ± 1°C, 18-24 h

Synergy of meropenem with carbapenem inhibitors observed as increase in zone diameter with 10 µg meropenem disc

Control strains	Expected Results				Results
	MR+BO Zone increase	MR+ED Zone increase	MR+CL Zone increase	TMO 30 µg Zone	
<i>Klebsiella pneumoniae</i> ATCC® 700603	< 4 mm	< 5 mm	< 5 mm	---	Conforms
<i>Klebsiella pneumoniae</i> ATCC® BAA-1705 (KPC positive)	≥ 4 mm	< 5 mm	< 5 mm	---	Conforms
<i>Klebsiella pneumoniae</i> ATCC® BAA-2146 (MBL positive)	< 4 mm	≥ 5 mm	< 5 mm	---	Conforms
<i>Klebsiella pneumoniae</i> NCTC 13442 (OXA-48 positive)	< 4 mm	< 5 mm	< 5 mm	< 11 mm	Conforms

**Batch Release**

Approved

**Date** 16.01.2024

**Signature**

Quality Control  
(This document has been established electronically and is valid without signature)

The results reported were obtained at the time of release.