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Cefepime Susceptibility and Minimum Inhibitory Concentration (MIC) Data

Microorganism Genus, Species, and Strain (if shown)

Microorganism Genus, Species, and Strain (if shown)	Concentration Range (µg/ml)
<i>Aeromonas</i> spp.	0.03 – 0.06
<i>Aeromonas</i> spp. (ampicillin-resistant + ceftazolin-resistant)	0.03 – 8
<i>Agrobacterium radiobacter</i>	0.03 – 64
<i>Alcaligenes faecalis</i>	0.25 – >64
<i>Bacillus cereus</i> (RK-75)	62.5
<i>Bacillus dipsauri</i>	7.81
<i>Bacillus flexus</i>	125
<i>Bacillus sphaericus</i>	31.25
<i>Bacillus</i> spp.	>32
<i>Bacteroides distasonis</i>	16 – >32
<i>Bacteroides fragilis</i>	32 – >64
<i>Bacteroides melaninogenicus</i>	16 – >32
<i>Bacteroides ovatus</i>	16 – >32
<i>Bacteroides septicum</i>	16 – >32
<i>Bacteroides thetaiotaomicron</i>	16 – >32
<i>Bordetella bronchiseptica</i>	0.25 – 64
<i>Brevibacillus agri</i>	125
<i>Brevundimonas vesicularis</i>	0.25 – 32
<i>Burkholderia cepacia</i>	≤0.06 – >256
<i>Burkholderia</i> spp.	4 – 32
<i>Campylobacter jejuni</i>	0.5 – 8
<i>Chryseobacterium indologenes</i>	≤0.06 – 16
<i>Chryseobacterium meningosepticum</i>	8 – 64
<i>Chryseomonas luteola</i>	31.25
<i>Citrobacter amalonaticus</i>	≤0.12 – 31.25
<i>Citrobacter braakii</i>	≤0.12 – >16
<i>Citrobacter diversus</i>	0.015 – >16
<i>Citrobacter farmeri</i>	≤0.12 – >16
<i>Citrobacter freundii</i>	0.015 – 64
<i>Citrobacter koseri</i>	≤0.06 – >16
<i>Citrobacter</i> spp.	≤0.12 – >16
<i>Clostridium perfringens</i>	0.5 – >16
<i>Comamonas acidovorans</i>	8 – >64
<i>Corynebacterium ammoniagenes</i>	7.81
<i>Corynebacterium cystitidis</i>	7.81
<i>Corynebacterium flavescens</i>	7.81
<i>Corynebacterium</i> spp.	0.06 – >32
<i>Enterobacter aerogenes</i>	≤0.06 – ≥64
<i>Enterobacter agglomerans</i>	≤0.25 – 0.5
<i>Enterobacter amnigenus</i>	≤0.12 – >16
<i>Enterobacter asburiae</i>	≤0.12 – >16
<i>Enterobacter cancerogenus</i>	≤0.12 – >16
<i>Enterobacter cloacae</i>	0.015 – ≥64
<i>Enterobacter gergoviae</i>	≤0.12 – >16
<i>Enterobacter hormaechei</i>	≤0.12 – >16
<i>Enterobacter intermedius</i>	0.12 – 31.25
<i>Enterobacter sakazakii</i>	≤0.12 – >16
<i>Enterobacter taylorae</i>	≤0.12 – >16
Enterobacteriaceae	≤0.12 – 64
<i>Enterococcus faecalis</i>	0.5 – >128
<i>Enterococcus faecium</i>	≤0.12 – >128
<i>Erwinia carotovora</i>	7.81
<i>Escherichia coli</i>	≤0.007 – 128
<i>Exiguobacterium acetylicum</i>	7.81
<i>Flavimonas oryzihabitans</i>	15.6
<i>Flavobacterium balustinum</i> (HH299)	31.25
<i>Haemophilus influenzae</i>	0.003 – 8
<i>Klebsiella ornithinolytica</i>	0.12 – >16
<i>Klebsiella oxytoca</i> (ampicillin-resistant)	0.03 – 8
<i>Klebsiella ozaenae</i>	≤0.12 – >16
<i>Klebsiella pneumonia</i>	≤0.007 – >256
<i>Klebsiella</i> spp.	0.015 – >16
<i>Klebsiella terrigena</i>	≤0.12 – >16
<i>Kocuria rosea</i>	31.25
<i>Listeria monocytogenes</i>	4 – 64
<i>Micrococcus</i> spp.	0.094 - 0.19
<i>Moraxella catarrhalis</i>	≤0.03 – 8

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<i>Morganella morganii</i>	0.015 – >32
<i>Morganella</i> spp.	≤0.25 – 64
<i>Ochrobactrum anthropi</i>	8 – ≥128
<i>Oligella ureolytica</i>	0.25 – >64
<i>Paenibacillus apiarius</i>	62.5
<i>Pantoea agglomerans</i>	7.81
<i>Pasteurella multocida</i>	<2
<i>Proteae</i> spp.	≤0.12 – >16
<i>Proteus mirabilis</i>	0.015 – >128
<i>Proteus rettgeri</i>	≤0.25 – >32
<i>Proteus</i> spp.	≤0.06 – 32
<i>Proteus vulgaris</i>	0.015 – 62.5
<i>Providencia rettgeri</i>	0.03 – 8
<i>Providencia</i> spp.	≤0.06 – 64
<i>Providencia stuartii</i>	0.03 – 4
<i>Pseudomonas aeruginosa</i>	0.06 – >256
<i>Pseudomonas cepacia</i> (ampicillin-resistant + cefazolin-resistant)	0.12 – 64
<i>Pseudomonas oryzihabitans</i>	≤0.06 – >64
<i>Pseudomonas stutzeri</i>	≤0.06 – >64
<i>Pseudomonas syringae</i>	31.25 – 62.5
<i>Psychrobacter immobilis</i>	15.6
<i>Ralstonia pickettii</i>	1 – 4
<i>Salmonella</i>	≤0.12 – 2
<i>Salmonella agona</i>	≤0.12 – 2
<i>Salmonella bareilly</i>	≤0.12 – 2
<i>Salmonella enterica</i>	≤0.12 – 2
<i>Salmonella enteritidis</i>	≤0.12 – 2
<i>Salmonella hadar</i>	≤0.12 – 2
<i>Salmonella heidelberg</i>	≤0.12 – 2
<i>Salmonella infantis</i>	≤0.12 – 2
<i>Salmonella litchfield</i>	≤0.12 – 2
<i>Salmonella Montevideo</i>	≤0.12 – 2
<i>Salmonella muenchen</i>	≤0.12 – 2
<i>Salmonella Newport</i>	≤0.12 – 2
<i>Salmonella panama</i>	≤0.12 – 2
<i>Salmonella Paratyphi</i>	≤0.12 – 2
<i>Salmonella schwarzengrund</i>	≤0.12 – 2
<i>Salmonella</i> spp.	0.015 – 0.5
<i>Salmonella stanley</i>	≤0.12 – 2
<i>Salmonella stpaul</i>	≤0.12 – 2
<i>Salmonella thompson</i>	≤0.12 – 2
<i>Salmonella typhi</i>	0.015 – 125
<i>Salmonella virchow</i>	≤0.12 – 2
<i>Serratia fonticola</i>	≤0.12 – >16
<i>Serratia liquefaciens</i>	≤0.12 – 62.5
<i>Serratia marcescens</i>	0.03 - 128
<i>Serratia odorifera</i>	≤0.12 – >16
<i>Serratia plymuthica</i>	≤0.12 – >16
<i>Serratia rubidaea</i>	≤0.12 – >16
<i>Shigella boydii</i>	≤0.12 – 1
<i>Shigella dysenteriae</i>	≤0.12 – 15.6
<i>Shigella flexneri</i>	≤0.12 – 1
<i>Shigella sonnei</i>	0.015 – 1
<i>Shigella</i> spp.	0.015 – 1
<i>Sphingomonas</i> spp.	2 – 16
<i>Staphylococcus aureus</i>	0.125 – >128
<i>Staphylococcus auricularis</i> (coagulase-negative + oxacillin-susceptible)	≤0.12 – 8
<i>Staphylococcus capitis</i> (coagulase-negative + oxacillin-susceptible)	≤0.12 – 8
<i>Staphylococcus caprae</i> (coagulase-negative + oxacillin-susceptible)	≤0.12 – 8
<i>Staphylococcus cohnii</i>	≤0.12 – 7.81
<i>Staphylococcus epidermidis</i>	0.03 – 128
<i>Staphylococcus haemolyticus</i>	≤0.12 – 128
<i>Staphylococcus hominis</i>	≤0.12 – >128
<i>Staphylococcus intermedius</i> (coagulase-negative + oxacillin-susceptible)	≤0.12 – 8
<i>Staphylococcus lugdunensis</i> (coagulase-negative + oxacillin-susceptible)	≤0.12 – 8
<i>Staphylococcus mitis</i>	0.015 – 4
<i>Staphylococcus sanguis</i>	≤0.007 – 0.5
<i>Staphylococcus saprophyticus</i>	≤0.12 – >64
<i>Staphylococcus sciuri</i> (coagulase-negative + oxacillin-susceptible)	≤0.12 – 8
<i>Staphylococcus simulans</i>	≤0.12 – 16
<i>Staphylococcus</i> spp. (coagulase-negative + oxacillin-susceptible)	≤0.12 – 8
<i>Staphylococcus warneri</i> (coagulase-negative + oxacillin-susceptible)	≤0.12 – 8

Concentration Range (µg/ml)

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Stenotrophomonas maltophilia
Streptococcus agalactiae
Streptococcus dysgalactiae
Streptococcus equisimilis
Streptococcus pneumoniae
Streptococcus pyogenes
Streptococcus spp.
Weeksella virosa
Xanthomonas maltophilia
Yersinia enterocolitica

Concentration Range (µg/ml)
1 – 128
0.015 – 0.12
≤0.12 – 0.5
≤0.12 – 0.5
≤0.007 – >8
0.015 – 0.12
≤0.12 – 0.5
0.5 – 16
2 – >64
0.015 – 0.25

The data above is sourced from The Antimicrobial Index. For further assistance, please contact us at info@toku-e.com or visit www.toku-e.com.