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Microorganism Genus, Species, and Strain (if shown)	Concentration Range (µg/ml)
<i>Aggregatibacter actinomycetemcomitans</i>	8 – >32
<i>Alcaligenes faecalis</i> (ATCC 1004)	20
<i>Bacillus cereus</i>	0.0977 – 18
<i>Bacillus circulans</i> (pH 7.0)	≤0.03 – 16
<i>Bacillus pumilus</i> (ATCC 14884)	2 – 12.5
<i>Bacillus spp.</i>	≤0.12 – >16
<i>Bacillus subtilis</i>	0.12 – 412
<i>Bacteroides capillosus</i> (pH 7.0)	≤0.03 – 2
<i>Bacteroides fragilis</i>	0.25 – 128
<i>Bacteroides tectum</i>	0.25 – 1
<i>Bacteroides ureolyticus</i>	≤0.03 – 2
<i>Bifidobacterium adolescentis</i>	3.95
<i>Bifidobacterium animalis</i>	>1.95 – <3.95
<i>Bifidobacterium bifidum</i>	7.8 – 15.62
<i>Bifidobacterium breve</i>	≤0.03 – 16
<i>Bifidobacterium infantis</i>	15.6
<i>Bifidobacterium longum</i>	≤0.03 – 16
<i>Bifidobacterium pseudolongum</i>	3.9
<i>Bifidobacterium sp.</i>	<0.98 – 3.9
<i>Bifidobacterium thermophilum</i>	0.98 – 1.95
<i>Bilophila wadsworthia</i>	4 – 32
<i>Borrelia afzelii</i>	0.0078 – 0.0625
<i>Borrelia bissettii</i>	0.0312 – 0.06
<i>Borrelia burgdorferi</i>	0.0039 – 1
<i>Borrelia garinii</i>	0.0078 – 0.0625
<i>Borrelia valaisiana</i>	0.0156 – 0.03
<i>Brachyspira hyodysenteriae</i>	4 - >256
<i>Branhamella catarrhalis</i>	≤0.08 – 0.6
<i>Brevibacterium casei</i>	0.5 – 4
<i>Brevibacterium spp.</i>	≤0.015 – >128
<i>Brucella</i>	0.5 – >256
<i>Brucella suis</i>	0.98 – 1.95
<i>Burkholderia cepacia</i>	≥128
<i>Campylobacter coli</i>	0.5 – >1024
<i>Campylobacter concisus</i>	0.125 – 2
<i>Campylobacter fetus</i>	≤0.06 – 4
<i>Campylobacter gracilis</i>	0.125 – 2
<i>Campylobacter jejuni</i>	0.125 – >1024
<i>Campylobacter lari</i>	8 – 32
<i>Campylobacter mucosalis</i>	0.125 – 2
<i>Campylobacter rectus</i>	0.125 – 2
<i>Campylobacter showae</i>	0.125 – 2
<i>Campylobacter spp.</i>	≤0.12 – 2
<i>Campylobacter sputorum</i>	0.125 – 2
<i>Capnocytophaga ochracea</i>	≤0.03 – 2
<i>Capnocytophaga spp.</i>	2
<i>Cellulomonas biazotea</i>	4
<i>Cellulomonas cellulasea</i>	≤0.03
<i>Cellulomonas fermentans</i>	0.06
<i>Cellulomonas fimi</i>	4
<i>Cellulomonas flavigena</i>	0.25
<i>Cellulomonas gelida</i>	0.5
<i>Cellulomonas hominis</i>	1 - 2
<i>Cellulomonas uda</i>	0.5
<i>Chlamydia pneumonia</i>	0.008 – 0.5
<i>Chlamydia psittaci</i>	0.25
<i>Chlamydia pneumonia</i>	0.015 – 0.25
<i>Citrobacter freundii</i>	>16
<i>Clostridium clostridioforme</i>	0.25 – >32
<i>Clostridium difficile</i>	0.125 – 256
<i>Clostridium innocuum</i>	0.5 – >32
<i>Clostridium perfringens</i>	2
<i>Clostridium ramosum</i>	0.5 – >32
<i>Clostridium spiroforme</i>	1 - >8
<i>Collinsella aerofaciens</i>	≤0.03 – 0.125
<i>Corynebacterium</i>	≤0.06 – ≥64
<i>Corynebacterium afermentans</i>	≤0.015 – >128
<i>Corynebacterium amycolatum</i>	0.125 – >128
<i>Corynebacterium aquaticum</i>	≤0.12 – >16
<i>Corynebacterium argenteratense</i>	≤0.06 – ≥64
<i>Corynebacterium auris</i>	≤0.06 – ≥64
<i>Corynebacterium coyleae</i>	≤0.06 – ≥64
<i>Corynebacterium diphtheriae</i>	≤0.06
<i>Corynebacterium glucuronolyticum</i>	≤0.06 – ≥64
<i>Corynebacterium jeikeium</i>	≤0.015 – >128

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<i>Corynebacterium macginleyi</i>	≤0.06
<i>Corynebacterium minutissimum</i>	≤0.015 – ≥64
<i>Corynebacterium mucifaciens</i>	≤0.06 – ≥64
<i>Corynebacterium pseudodiphtheriticum</i>	≤0.015 – ≥64
<i>Corynebacterium</i> spp.	1 – >8
<i>Corynebacterium</i> spp.	0.004 – >128
<i>Corynebacterium striatum</i>	≤0.015 – >128
<i>Corynebacterium ulcerans</i>	≤0.06
<i>Corynebacterium urealyticum</i>	≤0.015 – >128
<i>Coryneform</i>	≤0.015 – >128
<i>Dermabacter hominis</i>	≤0.06 – ≥64
<i>Dialister pneumosintes</i>	≤0.03 – 2
<i>Diphtheroids</i>	0.5 – >512
<i>Diplococcus pneumoniae</i>	0.002 – 0.02
<i>Edwardsiella hoshinae</i>	8 – 32
<i>Edwardsiella ictaluri</i>	4 – 64
<i>Edwardsiella tarda</i>	8 – 64
<i>Eikenella corrodens</i>	≤0.25 – >32
<i>Enterobacter aerogenes</i>	>16
<i>Enterobacter cloacae</i>	>16
<i>Enterococci</i>	0.25 – 128
<i>Enterococcus</i>	≤0.125 – 8
<i>Enterococcus avium</i>	≤0.12 – >64
<i>Enterococcus casseliflavus</i>	≤0.12 – >16
<i>Enterococcus cecorum</i>	≤0.12 – >16
<i>Enterococcus durans</i>	≤0.12 – >16
<i>Enterococcus faecalis</i>	0.1 – >512
<i>Enterococcus faecium</i>	0.1 – >512
<i>Enterococcus gallinarum</i>	≤0.12 – >128
<i>Enterococcus hirae</i>	0.1 – >100
<i>Enterococcus raffinosus</i>	≤0.12 – >16
<i>Enterococcus</i> sp	0.06 – >128
<i>Erwinia carotovora</i>	50
<i>Erwinia rhapontici</i>	5
<i>Erysipelothrix rhusiopathiae</i>	0.03
<i>Escherichia coli</i>	0.003 – 530
<i>Eubacterium lentum</i>	≤0.03 – 0.125
<i>Eubacterium saburreum</i>	≤0.03 – 0.06
<i>Eubacterium</i> spp.	≤0.03 – 0.125
<i>Eubacterium timidum</i>	≤0.03 – 0.125
<i>Eubacterium yurii</i>	≤0.03 – 0.125
<i>Finegoldia magna</i>	≤0.03 – >32
<i>Fusobacterium</i>	0.03 – 64
<i>Fusobacterium gonidiaformans</i>	1 – >32
<i>Fusobacterium mortiferum</i>	2 – >32
<i>Fusobacterium naviforme</i>	≤0.03 – >32
<i>Fusobacterium necrogenes</i>	2 – >32
<i>Fusobacterium necrophorum</i>	≤0.03 – >32
<i>Fusobacterium nucleatum</i>	≤0.03 – >32
<i>Fusobacterium russii</i>	1 – >32
<i>Fusobacterium ulcerans</i>	2 – >32
<i>Fusobacterium varium</i>	≥32
<i>Gemella</i> spp.	≤0.12 – >16
<i>Haemolytic streptococci</i>	0.06 – 8
<i>Haemophilus influenzae</i>	0.015 – >256
<i>Haemophilus parasuis</i>	0.25 – 8
<i>Haemophilus</i> spp.	0.25 – 128
<i>Helicobacter pullorum</i>	0.25 – 4
<i>Helicobacter pylori</i>	0.015 – >128
<i>Jonesia denitrificans</i>	0.25
<i>Klebsiella pneumonia</i>	0.09765 – 256
<i>Lactobacillus acidophilus</i>	0.98 – 12500
<i>Lactobacillus amylovorus</i>	≤0.12 – ≥256
<i>Lactobacillus brevis</i>	0.125 – 128
<i>Lactobacillus buchneri</i>	≤0.125 – 0.25
<i>Lactobacillus bulgaricus</i>	1.9 – 3.9
<i>Lactobacillus casei</i>	0.125 – 3.9
<i>Lactobacillus cateniforme</i>	≤0.03 – 16
<i>Lactobacillus crispatus</i>	≤0.12 – 0.25
<i>Lactobacillus curvatus</i>	0.125 – 128
<i>Lactobacillus delbrueckii</i>	≤0.03 – 16
<i>Lactobacillus fermentum</i>	≤0.12 – 4
<i>Lactobacillus gallinarum</i>	≤0.12
<i>Lactobacillus gasseri</i>	≤0.12 – ≥256
<i>Lactobacillus helveticus</i>	≤0.12 – 0.25
<i>Lactobacillus johnsonii</i>	≤0.12 – 100
<i>Lactobacillus lactis</i>	0.98
<i>Lactobacillus oris</i>	≤0.03 – 16
<i>Lactobacillus paracasei</i>	≤0.12 – 1024
<i>Lactobacillus pentosus</i>	64
<i>Lactobacillus plantarum</i>	≤0.03 – 512
<i>Lactobacillus reuteri</i>	≤0.25 – 512
<i>Lactobacillus rhamnosus</i>	≤0.12 – ≥256
<i>Lactobacillus sakei</i>	≤0.12 – 256
<i>Lactobacillus salivarius</i>	≤0.125 – 10
<i>Lactobacillus</i> sp.	≤0.03 – ≥500

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<i>Lactococcus</i>	≤0.125 – 8
<i>Legionella adelaidensis</i>	0.125
<i>Legionella anisa</i>	0.5
<i>Legionella birminghamiensis</i>	0.5
<i>Legionella bozemanii</i>	0.256
<i>Legionella brunensis</i>	0.5
<i>Legionella cherrii</i>	0.25
<i>Legionella cincinnatiensis</i>	0.125
<i>Legionella dumofii</i>	0.143 – 0.5
<i>Legionella erythra</i>	0.75
<i>Legionella fairfieldensis</i>	0.032
<i>Legionella feeleeii</i>	0.315
<i>Legionella geestiana</i>	0.25
<i>Legionella gormanii</i>	0.217
<i>Legionella gratiana</i>	0.5
<i>Legionella hackeliae</i>	0.5
<i>Legionella israelensis</i>	0.5
<i>Legionella jamestowniensis</i>	1
<i>Legionella jordani</i>	1
<i>Legionella lansingensis</i>	0.188 – 0.375
<i>Legionella longbeachae</i>	0.008 – 0.5
<i>Legionella maceachernii</i>	0.5
<i>Legionella micdadei</i>	0.5 – 1
<i>Legionella moravica</i>	0.188
<i>Legionella nautarum</i>	0.125
<i>Legionella oakridgensis</i>	1
<i>Legionella pneumophila</i>	0.008 – 1
<i>Legionella quateirensis</i>	0.064
<i>Legionella quinlivanii</i>	0.188
<i>Legionella rubrilucens</i>	0.5
<i>Legionella sainthelensi</i>	0.25
<i>Legionella santicrucis</i>	0.25
<i>Legionella shakespearei</i>	1
<i>Legionella spiritensis</i>	0.25
<i>Legionella spp.</i>	0.25 – 1
<i>Legionella steigerwaltii</i>	0.375
<i>Legionella tucsonensis</i>	0.064
<i>Legionella wadsworthii</i>	0.25
<i>Leptotrichia buccalis</i>	≤0.03 – 16
<i>Leuconostoc</i>	≤0.125 – 8
<i>Leuconostoc mesenteroides</i>	16
<i>Leuconostoc pseudomesenteroides</i>	≤1
<i>Leuconostoc spp.</i>	≤0.12 – >512
<i>Listeria ivanovii</i>	0.047
<i>Listeria monocytogenes</i>	0.047 – >16
<i>Listeria spp.</i>	0.038 – >256
<i>Microbacterium spp.</i>	≤0.06 – 8
<i>Micrococcus</i>	17 – 29
<i>Micrococcus kristinae</i>	32
<i>Micrococcus luteus</i>	0.008 – 4
<i>Micrococcus spp.</i>	≤0.12 – >16
<i>Micromonas micros</i>	≤0.03 – 0.5
<i>Moraxella catarrhalis</i>	0.008 – 16
<i>Morganella morganii</i>	>16 – >256
<i>Mycobacterium avium</i>	4 – >256
<i>Mycobacterium marinum</i>	8 – >32
<i>Mycobacterium smegmatis</i>	2.5 – 64
<i>Mycoplasma fermentans</i>	>64
<i>Mycoplasma gallisepticum</i>	≤0.03
<i>Mycoplasma genitalium</i>	≤0.015
<i>Mycoplasma hominis</i>	>32 – >64
<i>Mycoplasma hyopneumoniae</i>	8 – >64
<i>Mycoplasma iowae</i>	≤0.03
<i>Mycoplasma penetrans</i>	1 – 4
<i>Mycoplasma pneumonia</i>	≤0.001 – 16
<i>Mycoplasma synoviae</i>	16
<i>Neisseria cinerea</i>	1 – 8
<i>Neisseria gonorrhoeae</i>	0.015 – 1
<i>Neisseria lactamica</i>	2 – 4
<i>Neisseria meningitidis</i>	≤0.03 – 2
<i>Neisseria mucosa</i>	0.25 – 8
<i>Neisseria perflava/sicca</i>	0.5 – 16
<i>Neisseria polysaccharea</i>	0.06 – 4
<i>Neisseria sicca</i>	0.03 – 16
<i>Nocardia asteroides</i>	0.4 – ≥400
<i>Oerskovia spp.</i>	≤0.015 – >128
<i>Oerskovia turbata</i>	2
<i>Oerskovia xanthineolytica</i>	4
<i>Olsenella uli</i>	≤0.03 – 16
<i>Pasteurella multocida</i>	0.78
<i>Pediococcus</i>	≤0.125 – 8
<i>Pediococcus acidilactici</i> (HA-6111-2)	4
<i>Pediococcus pentosaceus</i>	16
<i>Pediococcus spp.</i>	≤0.12 – >16
<i>Peptostreptococcus</i>	≤0.015 – 64
<i>Peptostreptococcus anaerobius</i>	≤0.03 – >32

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<i>Peptostreptococcus asaccharolyticus</i>	1 – >32
<i>Peptostreptococcus magnus</i>	1 – >32
<i>Peptostreptococcus micros</i>	0.5 – 1
<i>Peptostreptococcus prevotii</i>	0.03 – >32
<i>Peptostreptococcus spp.</i>	2 – 4
<i>Pneumococci</i>	0.06 – 128
<i>Porphyromonas</i>	≤0.015 – 64
<i>Porphyromonas asaccharolytica</i>	0.03 – 32
<i>Porphyromonas cangingivalis</i>	≤0.015 – 0.5
<i>Porphyromonas canoris</i>	0.03 – 0.25
<i>Porphyromonas cansulci</i>	≤0.015 – 0.5
<i>Porphyromonas circumdentaria</i>	≤0.015 – 0.5
<i>Porphyromonas endodontalis</i>	≤0.03 – 2
<i>Porphyromonas gingivalis</i>	≤0.03 – 8
<i>Porphyromonas levii</i>	≤0.015 – 0.5
<i>Porphyromonas macacae</i>	0.06 – 0.25
<i>Prevotella bivia</i>	0.06 – >32
<i>Prevotella buccae</i>	≤0.03 – >32
<i>Prevotella buccalis</i>	≤0.03 – >32
<i>Prevotella corporis</i>	≤0.03 – 16
<i>Prevotella dentalis</i>	≤0.03 – >32
<i>Prevotella denticola</i>	≤0.03 – 32
<i>Prevotella disiens</i>	≤0.03 – >32
<i>Prevotella heparinolytica</i>	0.25 – 0.5
<i>Prevotella intermedia</i>	≤0.03 – >32
<i>Prevotella loescheii</i>	≤0.03 – 16
<i>Prevotella melaninogenica</i>	≤0.03 – 16
<i>Prevotella nigrescens</i>	≤0.03 – >32
<i>Prevotella oralis</i>	≤0.03 – >32
<i>Prevotella oris</i>	≤0.03 – >32
<i>Prevotella pallens</i>	≤0.03 – >32
<i>Prevotella spp.</i>	≤0.03 – >32
<i>Prevotella tanneriae</i>	≤0.03 – 16
<i>Prevotella zooglyphomans</i>	≤0.03 – >32
<i>Propionibacterium avidum</i>	≤0.03 – 16
<i>Propionibacterium freudenreichii subsp. shermanii (131)</i>	<0.25
<i>Propionibacterium granulosum</i>	0.06 – 0.125
<i>Proteus vulgaris</i>	0.048 – 512
<i>Pseudomonas aeruginosa</i>	0.1953 – 250
<i>Pseudomonas syringae</i>	6.25
<i>Rhodococcus equi</i>	≤0.015 – >4
<i>Rhodococcus spp.</i>	≤0.12 – 32
<i>Salmonella enteritidis</i>	2 – >16
<i>Salmonella spp.</i>	128
<i>Salmonella typhi</i>	2.5 – >256
<i>Selenomonas flueggei</i>	≤0.03 – 2
<i>Selenomonas infelix</i>	≤0.03 – 2
<i>Selenomonas spp.</i>	≤0.03 – 2
<i>Serratia marcescens</i>	3.125
<i>Shigella flexneri</i>	64
<i>Shigella sonnei (Vero)</i>	>16
<i>Sinorhizobium meliloti</i>	0.78
<i>Staphylococci</i>	0.06 – 128
<i>Staphylococci (coagulase-negative + methicillin-resistant)</i>	≤0.12 – >128
<i>Staphylococci (coagulase-negative + methicillin-susceptible)</i>	≤0.12 – >128
<i>Staphylococci (coagulase-negative)</i>	≤0.12 – >8
<i>Staphylococci</i>	>128
<i>Staphylococci (erm(C)-inducible)</i>	1 – >128
<i>Staphylococci (erythromycin-susceptible)</i>	0.06 – 0.5
<i>Staphylococci (group A)</i>	0.125 – >64
<i>Staphylococci (group B)</i>	0.25 – >64
<i>Staphylococci (group C)</i>	0.25 – 16
<i>Staphylococci (group G)</i>	0.015 – 64
<i>Staphylococci (msr)</i>	1 – >128
<i>Staphylococcus (coagulase-negative + oxacillin-resistant)</i>	≤0.12 – >16
<i>Staphylococcus (coagulase-negative + oxacillin-susceptible)</i>	≤0.12 – >16
<i>Staphylococcus (coagulase-negative + Uruguay)</i>	≤0.5
<i>Staphylococcus (coagulase-negative)</i>	≤0.12 – >8
<i>Staphylococcus aureus</i>	0.023 – 1024
<i>Staphylococcus auricularis</i>	≤0.12 – >200
<i>Staphylococcus capitis</i>	≤0.12 – >200
<i>Staphylococcus caprae</i>	2
<i>Staphylococcus cohnii</i>	0.25 – 2
<i>Staphylococcus epidermidis</i>	<0.03 – >200
<i>Staphylococcus haemolyticus</i>	≤0.12 – >200
<i>Staphylococcus hominis</i>	≤0.12 – >200
<i>Staphylococcus intermedius</i>	≤0.12 – >200
<i>Staphylococcus lugdunensis</i>	≤0.12 – >200
<i>Staphylococcus saprophyticus</i>	≤0.12 – >200
<i>Staphylococcus sciuri (LQC 5175)</i>	2
<i>Staphylococcus simulans</i>	≤0.12 – >200
<i>Staphylococcus spp.</i>	≤0.06 – >128
<i>Staphylococcus warneri</i>	≤0.12 – >200
<i>Staphylococcus xylosus</i>	2
<i>Stenotrophomonas maltophilia</i>	32 - 128
<i>Stomatococcus spp.</i>	≤0.12 – >16

Microorganism Genus, Species, and Strain (if shown)

Streptococci
Streptococcus agalactiae
Streptococcus anginosus
Streptococcus bovis
Streptococcus constellatus
Streptococcus dysgalactiae
Streptococcus equi
Streptococcus equisimilis
Streptococcus faecalis
Streptococcus infantarius
Streptococcus intermedius
Streptococcus milleri
Streptococcus mutans
Streptococcus oralis
Streptococcus pneumoniae
Streptococcus pyogenes
Streptococcus spp.
Treponema hyodysenteriae
Turicella otitidis
Ureaplasma spp.
Ureaplasma urealyticum
Veillonella spp.
Vibrio alginolyticus
Weissella spp.
Xanthomonas campestris
Yersinia enterocolitica

Concentration Range (µg/ml)

0.008 – >512
0.01 – >64
≤0.12 – >16
0.015 – >16
≤0.12 – >16
≤0.06 – >32
0.016
≤0.06 – >32
256
≤0.125 – 8
≤0.12 – >16
≤0.12 – >16
≤0.12 – >16
0.06 – 8
≤0.004 – >256
0.004 – >256
0.015 – >32
6.25 – >100
≤0.015 – >128
0.125 – 16
0.5 – 2
≤0.03 – >32
>256
≤0.125 – 2
50
<0.25 – 64

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.