QC Ranges Archived From CLSI M100 Since 2010

Antimicrobial Agent	Disk Content	QC Strain	Disk Diffusion QC Ranges, mm	MIC QC Ranges, µg/mL	CLSI M100 Edition in Which Breakpoints Were Last Included/ Comments	Rationale
Ceftobiprole	30 µg	*Pseudomonas aeruginosa* ATCC®[a] 27853	24-30	-	January 2020 (M100-Ed30)	The QC ranges were revised using a 5-µg disk.
Colistin	N/A	*Escherichia coli* ATCC® 25922	-	0.25-2	March 2023 (M100-Ed33)	Following implementation of the QC range, inconsistent results were noted in subsequent studies. Because this was supplemental QC, this strain provided no value. Many laboratories already confirm with *P. aeruginosa* ATCC® 27853 and *mcr-1* strain when out of range.
Methicillin	5 µg	*Staphylococcus aureus* ATCC® 25923	17-22	-	January 2018 (M100-Ed28)	This agent is no longer available.
	N/A	*S. aureus* ATCC® 29213	-	0.5-2		
		Enterococcus faecalis ATCC® 29212	-	> 16		
Mezlocillin	75 µg	*E. coli* ATCC® 25922	23-29	-	January 2018 (M100-Ed28)	This agent is no longer available.
		P. aeruginosa ATCC® 27853	19-25	-		
	N/A	*S. aureus* ATCC® 29213	-	1-4		
		E. faecalis ATCC® 29212	-	1-4		
		E. coli ATCC® 25922	-	2-8		
		P. aeruginosa ATCC® 27853	-	8-32		
Plazomicin	N/A	*E. faecalis* ATCC® 29212	-	32-128	January 2019 (M100-Ed29)	Following implementation of the QC range, inconsistent results were noted in subsequent studies. Because plazomicin is not recommended for *Enterococcus* spp., the drug sponsor requested the QC range for *E. faecalis* ATCC® 29212 be removed.
Quinupristin-dalfopristin	15 µg	*Haemophilus influenzae* ATCC® 49247	15-21	-	January 2026 (M100-Ed36)	This agent is no longer available.
		S. aureus ATCC® 25923	21-28	-		
		Streptococcus pneumoniae ATCC® 49619	19-24	-		
	N/A	*E. faecalis* ATCC® 29212	-	2-8	January 2026 (M100-Ed36)	
		H. influenzae ATCC® 49247	-	2-8		
		S. aureus ATCC® 29213	-	0.25-1		
		S. pneumoniae ATCC® 49619	-	0.25-1		

Abbreviations: ATCC®, American Type Culture Collection; MIC, minimal inhibitory concentration; N/A, not applicable; QC, quality control.

Footnote

a. ATCC® is a registered trademard of the American Type Culture Collection.