

QUALITY CONTROL MIC LIMITS FOR BROTH MICRODILUTION INFORMATIONAL SUPPLEMENT

<u>MIC (µg/mL) ranges for microdilution tests</u>							
Organism	Antifungal Agent	24-hour		% within Range	48-hour		% within Range
		Range	Mode		Range	Mode	
<i>Candida parapsilosis</i> ATCC® 22019	Amphotericin B	0.25-2.0	0.5	97	0.5-4.0	2.0	92
	5FC	0.06-0.25	0.12	99	0.12-0.5	0.25	98
	Fluconazole	0.5-4.0	2.0	98	1.0-4.0	2.0	99
	Itraconazole	0.12-0.5	0.25	96	0.12-0.5	0.25	98
	Ketoconazole	0.03-0.25	0.06/0.12	98	0.06-0.5	0.12	98
	Voriconazole	0.016-0.12	0.06	100	0.03-0.25	0.06	100
	Ravuconazole	0.016-0.12	0.06	96	0.03-0.25	0.06	98
	Posaconazole	0.06-0.25	0.12	97	0.06-0.25	0.12	99
	Anidulafungin	0.25-2.0	1.0	95	0.5-2.0	1.0	95
Caspofungin	0.25-1.0	0.5	97	0.5-4.0	1.0	93	
<i>Candida krusei</i> ATCC® 6258	Amphotericin B	0.5-2.0	1.0	100	1.0-4.0	2.0	100
	5FC	4.0-16	8.0	98	8.0-32	16	99
	Fluconazole	8.0-64	16	100	16-128	32	100
	Itraconazole	0.12-1.0	0.5	96	0.25-1.0	0.5	100
	Ketoconazole	0.12-1.0	0.5	96	0.25-1.0	0.5	99
	Voriconazole	0.06-0.5	0.25	98	0.25-1.0	0.5	100
	Ravuconazole	0.06-0.5	0.25	93	0.25-2.0	0.5	100
	Posaconazole	0.06-0.5	0.25	100	0.12-1.0	0.5	99
	Anidulafungin	0.03-0.12	0.06	98	0.03-0.12	0.06	98
Caspofungin	0.12-1.0	0.5	99	0.25-1.0	0.5	98	

Table 5. Recommended 24- and 48-hour MIC Limits for Two Quality Control Strains for Broth Microdilution (From Barry AL, et al. Quality control limits for broth microdilution susceptibility tests of ten antifungal agents. *J Clin Microbiol.* 2000;38:3457-3459. Used with permission from the American Society for Microbiology and AL Barry.)

NOTE 1: Information in boldface type is considered tentative for one year. **NOTE 2:** ATCC® is a registered trademark of the American Type Culture Collection.

