

# Quantitative Reference Cultures USP 51, Antimicrobial Effectiveness Testing

## Innovative Controls to Support Data Quality

- **Convenient**

Each set of microorganisms supplied with 10 vials of sterile peptone buffer

- **Stable**

Hydrated samples can be used for up to 8 hours

- **Traceable**

Manufactured from USP specified pure organism strains using media and procedures conforming to USP specifications. These CRMs are manufactured no more than two passages from the primary culture.

- **Certified**

The activity of each lot of organisms is analytically certified by spiral count on USP specified media. We analyze at least 10 samples from each production lot for activity confidence.

- **Easy to Use**

Supplied with sterile hydration fluid, simply add a single sample to the 1.2 mL buffer and swirl. Resulting inoculant activity will be at least  $10^8$  CFU per mL. Stable for up to 8 hours once hydrated in the supplied peptone buffer.

- **Economical**

Each organism strain is supplied in a kit of 10 individual samples and 10 vials of sterile hydration fluid at a value price point.



Quantitative Reference Cultures USP 51, Antimicrobial Effectiveness Testing					
Organism	Strain Identification			Activity	10-Pack Part Number
	ATCC Number	NCTC/NCPF Number	WDCM Number		
A. brasiliensis	ATCC 16404	NCPF 2275	WDCM 00053	~ 10 <sup>8</sup>	51-00053
C. albicans	ATCC 10231	NCPF 3179	WDCM 00054	~ 10 <sup>8</sup>	51-00054
E. coli	ATCC 8739	NCTC 12933	WDCM 0012	~ 10 <sup>8</sup>	51-0012
P. aeruginosa	ATCC 9027	NCTC 12924	WDCM 00026	~ 10 <sup>8</sup>	51-00026
S. aureus	ATCC 6538	NCTC 10788	WDCM 0032	~ 10 <sup>8</sup>	51-0032

ATCC is a registered trademark of American Type Culture Collection.

NCTC and NCPF reference cultures obtained from the National Collection of Type Cultures and National Collection of Pathogenic Fungi, two of the culture collections of the UK Health Security Agency. WDCM reference cultures obtained from the WFCC-MIRCEN World Data Centre for Organisms.

10002343 QM15



DQS Inc.  
NSI Lab Solutions

ISO 9001:2015



[spex.com](http://spex.com)

Phone: +1.732.549.7144 • +1.800.LAB.SPEX  
spexsales@antylia.com



[nsilabsolutions.com](http://nsilabsolutions.com)

Phone: +1.800.234.7837  
nsilabsolutions@antylia.com