



# Sample Collection

## Product Manufacturing Certificate

## Certificate of Analysis

3M Product: 3M™ Flip-Top Dilution Bottle with 90mL Phosphate Buffer  
 3M Catalog Number: FTPHB9060  
 3M Lot Number: 33PP3F  
 3M Stock Number: 70-2011-7590-1

### Chemical and Physical Testing

Parameter	Specification	Pass
Clarity	Clear	Yes
Precipitate	None	Yes

  

Parameter	Specification	Results	Pass
Final pH @ 25°C	7.2 ± 0.2	7.3	Yes
Average Fill Volume	90 mL ± 2.0 mL	90.00mL	Yes

### Microorganism Testing

#### Survival of Inoculated Organisms\*

Log Colony Forming Units/mL

Organism Tested	Time Zero	One Hour	Pass
<i>Escherichia coli</i> ATCC 25922	2.14	2.10	Yes
<i>Staphylococcus aureus</i> ATCC 6538	2.19	2.24	Yes

\*Survival of test organisms was evaluated by inoculating low levels of these bacteria into the product and holding @ 4° C for 1 hour.

### Terminal Irradiation Processing Parameters

This product has been subjected to Gamma irradiation as a terminal process. The minimum and maximum delivered met established specifications for this product.

This letter certifies that the product described above has been tested and found to comply with 3M’s product performance specifications applicable to subject device at time of manufacture. Visit the 3M Food Safety website, [www.3m.com/foodsafety](http://www.3m.com/foodsafety) for additional information. 3M is certified to ISO 9001 through an independent agency.

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