



## Certificate of Analysis

PRODUCT: QUANTUMDYE 5X SEQUENCING BUFFER  
LOT NUMBER: **103122B**  
MANUFACTURE DATE: **2022-10-31**  
EXPIRATION DATE: **Oct 30, 2023**  
QC TEST DATE: **2022-10-31**  
REPORT DATE: **2022-10-31**

### QUALITY CONTROL

#### VISUAL INSPECTION:

CLEAR, COLORLESS, PARTICULATE-FREE SOLUTION

#### FUNCTIONAL TESTING:

THE PH OF EACH BULK LOT OF 5X SEQUENCING BUFFER IS MEASURED AT 23°C

- ACCEPTABLE PH RANGE IS 8.75 - 8.85

**RESULT OF ALL TESTS: PASS**

QUALITY AUTHORIZED BY QC: **Xueling Zhao**

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