

CERTIFICATE OF QUALITY

Product: OLIGO CGH WASH BUFFER 1, 5188-5221
Grade: NOT APPLICABLE
FILL VOLUME >= 4.0 L
Lot: 2629B465
Code: N105

Appearance: Clear, colorless solution.

Mol. Formula: Not Applicable

Mol. Weight: Not Applicable

Description:

| <u>Assay:</u> | <u>Min</u> | <u>Max</u> | <u>Actual</u> | <u>Units</u> | <u>Disposition</u> |
|---------------------------------|------------|------------|---------------|--------------|--------------------|
| pH (undiluted) @25C | 8.2 | 8.6 | 8.29 | | PASS |
| DNase | | NONE | NONE | P/F | PASS |
| RNase | | NONE | NONE | P/F | PASS |
| Protease | | NONE | NONE | P/F | PASS |
| Chloride Concentration | 70 | 80 | 71.30 | mmol/L | PASS |
| Date of Manufacture (mm/dd/yy) | REPORT | | 04/15/09 | | PASS |
| Reassay Date | REPORT | | 04/30/13 | | PASS |
| Conductivity (undiluted) @25C | 8.7 | 10.1 | 8.89 | mS/cm | PASS |
| pH (20X SSPE Component) @25C | REPORT | | 7.42 | | PASS |
| Lot Number (20X SSPE Component) | REPORT | | 2839B025 | | PASS |

Storage: Store at room temperature. Protect from moisture.

n105agl

This signature indicates that the above material has met all quality specifications and has been reviewed by a quality representative.

Signature:

Christi M. Perry

Title:

QC MANAGER

Date: 4/27/2009

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