

Daily QC Report

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| QC Status: PASSED | Date: November 02, 2022 - 11:46 AM |
| Cytometer Name: Aurora CS | User: Moreaux |
| Serial Number: S0144 | Nozzle Size: 100 µm |
| Configuration: 4-Laser-V16-B14-R8-YG10 | Sheath Pressure: 25 PSI |
| Software: SpectroFloCS 1.0.5 | |

QC Beads
 Lot ID: 2003 Expiration Date: December 31, 2026

| Laser | Detector (nm) | Gain | Gain Change | Median (x1000) | % rCV | Status |
|-------------|---------------|------|-------------|----------------|-------|--------|
| Blue | FSC | 330 | 32 | 1,972.7 | 2.74 | ✔ |
| Violet | SSC | 233 | 28 | 1,977.9 | 5.02 | ✔ |
| Blue | SSC-B | 294 | 47 | 1,997.6 | 2.62 | ✔ |
| Violet | V1 (428) | 193 | 25 | 447.0 | 1.31 | ✔ |
| Violet | V2 (443) | 235 | 25 | 1,050.7 | 1.37 | ✔ |
| Violet | V3 (458) | 218 | 26 | 1,235.4 | 1.25 | ✔ |
| Violet | V4 (473) | 157 | 16 | 1,279.4 | 1.17 | ✔ |
| Violet | V5 (508) | 184 | 16 | 1,227.4 | 1.19 | ✔ |
| Violet | V6 (525) | 185 | 15 | 899.6 | 1.21 | ✔ |
| Violet | V7 (542) | 236 | 19 | 990.9 | 1.17 | ✔ |
| Violet | V8 (581) | 396 | 40 | 812.0 | 1.24 | ✔ |
| Violet | V9 (598) | 355 | 68 | 908.7 | 1.60 | ✔ |
| Violet | V10 (615) | 410 | 103 | 1,473.9 | 1.91 | ✔ |
| Violet | V11 (664) | 326 | 76 | 697.9 | 1.98 | ✔ |
| Violet | V12 (692) | 288 | 77 | 412.6 | 2.15 | ✔ |
| Violet | V13 (720) | 300 | 92 | 372.9 | 2.28 | ✔ |
| Violet | V14 (750) | 452 | 147 | 354.9 | 2.68 | ✔ |
| Violet | V15 (780) | 582 | 215 | 308.6 | 3.14 | ✔ |
| Violet | V16 (812) | 416 | 168 | 153.9 | 3.52 | ✔ |
| Blue | B1 (508) | 731 | 100 | 135.8 | 2.83 | ✔ |
| Blue | B2 (525) | 383 | 42 | 134.9 | 2.69 | ✔ |
| Blue | B3 (542) | 366 | 26 | 243.6 | 2.43 | ✔ |
| Blue | B4 (581) | 355 | 32 | 362.8 | 2.16 | ✔ |
| Blue | B5 (598) | 311 | 64 | 505.9 | 2.20 | ✔ |
| Blue | B6 (615) | 292 | 72 | 619.0 | 2.12 | ✔ |
| Blue | B7 (661) | 587 | 117 | 435.7 | 2.14 | ✔ |
| Blue | B8 (679) | 517 | 103 | 355.1 | 2.23 | ✔ |
| Blue | B9 (697) | 708 | 162 | 340.8 | 2.24 | ✔ |
| Blue | B10 (717) | 589 | 168 | 206.6 | 2.39 | ✔ |
| Blue | B11 (738) | 409 | 123 | 144.9 | 2.42 | ✔ |
| Blue | B12 (760) | 549 | 176 | 145.0 | 2.77 | ✔ |
| Blue | B13 (783) | 658 | 240 | 114.5 | 2.85 | ✔ |
| Blue | B14 (812) | 764 | 275 | 126.7 | 2.95 | ✔ |
| YellowGreen | YG1 (577) | 453 | 63 | 462.7 | 1.53 | ✔ |
| YellowGreen | YG2 (598) | 523 | 167 | 1,246.8 | 2.19 | ✔ |
| YellowGreen | YG3 (615) | 420 | 147 | 1,897.6 | 2.23 | ✔ |
| YellowGreen | YG4 (661) | 787 | 242 | 1,091.5 | 2.19 | ✔ |
| YellowGreen | YG5 (679) | 651 | 200 | 839.4 | 2.27 | ✔ |
| YellowGreen | YG6 (697) | 877 | 315 | 655.5 | 2.36 | ✔ |
| YellowGreen | YG7 (720) | 561 | 222 | 742.0 | 2.42 | ✔ |
| YellowGreen | YG8 (750) | 541 | 231 | 389.6 | 2.68 | ✔ |
| YellowGreen | YG9 (780) | 741 | 346 | 302.8 | 3.10 | ✔ |
| YellowGreen | YG10 (812) | 788 | 392 | 163.7 | 3.62 | ✔ |
| Red | R1 (661) | 361 | 13 | 391.4 | 2.60 | ✔ |
| Red | R2 (679) | 328 | 27 | 682.5 | 2.78 | ✔ |
| Red | R3 (697) | 518 | 123 | 773.3 | 2.87 | ✔ |
| Red | R4 (717) | 556 | 190 | 692.5 | 2.85 | ✔ |
| Red | R5 (738) | 391 | 139 | 588.2 | 2.82 | ✔ |
| Red | R6 (760) | 422 | 165 | 492.3 | 3.15 | ✔ |
| Red | R7 (783) | 564 | 238 | 497.2 | 3.20 | ✔ |
| Red | R8 (812) | 366 | 165 | 241.1 | 3.73 | ✔ |

Laser Settings

| Laser | Laser Delay | Area Scaling Factor |
|-------------|-------------|---------------------|
| Red | -25.83 | 0.99 |
| Blue | 0.00 | 1.11 |
| Violet | 24.30 | 1.09 |
| YellowGreen | 49.40 | 1.03 |

FSC Area Scaling Factor: 1.13 Window Extension: 3

Temperature: 20.4 °C

Specifications

| | | |
|--------------|----------------|---------------------|
| FSC | % rCV: | < 6 (Recommended) |
| SSC-B | % rCV: | < 8 (Recommended) |
| R3 | % rCV: | < 6 (Recommended) |
| B3 | % rCV: | < 6 (Recommended) |
| V3 | % rCV: | < 6 (Recommended) |
| YG3 | % rCV: | < 6 (Recommended) |
| All Channels | % Gain Change: | < 100 (Recommended) |