

Daily QC Report

| | |
|-----------------------------------------------|-------------------------------------------|
| QC Status: PASSED | Date: February 27, 2023 - 11:12 AM |
| Cytometer Name: Aurora CS | User: Admin |
| Serial Number: S0144 | Nozzle Size: 100 µm |
| Configuration: 4-Laser-V16-B14-R8-YG10 | Sheath Pressure: 15 PSI |
| Software: SpectroFloCS 1.0.5 | |
| QC Beads | |
| Lot ID: 2004 | Expiration Date: December 31, 2026 |

| Laser | Detector (nm) | Gain | Gain Change | Median (x1000) | % rCV | Status |
|-------------|---------------|------|-------------|----------------|-------|--------|
| Blue | FSC | 304 | -4 | 2,046.1 | 3.22 | ✓ |
| Violet | SSC | 226 | 11 | 2,006.6 | 8.14 | ✓ |
| Blue | SSC-B | 279 | 13 | 1,989.2 | 4.26 | ✓ |
| Violet | V1 (428) | 199 | 11 | 465.6 | 5.21 | ✓ |
| Violet | V2 (443) | 239 | 8 | 1,079.6 | 5.21 | ✓ |
| Violet | V3 (458) | 226 | 12 | 1,296.0 | 5.36 | ✓ |
| Violet | V4 (473) | 162 | 7 | 1,301.1 | 5.52 | ✓ |
| Violet | V5 (508) | 191 | 10 | 1,244.1 | 5.70 | ✓ |
| Violet | V6 (525) | 192 | 10 | 910.0 | 5.72 | ✓ |
| Violet | V7 (542) | 246 | 11 | 986.2 | 6.29 | ✓ |
| Violet | V8 (581) | 410 | 23 | 804.2 | 7.03 | ✓ |
| Violet | V9 (598) | 351 | 37 | 929.7 | 7.26 | ✓ |
| Violet | V10 (615) | 391 | 49 | 1,538.4 | 7.50 | ✓ |
| Violet | V11 (664) | 319 | 31 | 718.3 | 7.79 | ✓ |
| Violet | V12 (692) | 259 | 19 | 366.8 | 7.98 | ✓ |
| Violet | V13 (720) | 256 | 24 | 282.3 | 8.42 | ✓ |
| Violet | V14 (750) | 416 | 50 | 311.7 | 9.06 | ✓ |
| Violet | V15 (780) | 570 | 83 | 296.6 | 10.08 | ✓ |
| Violet | V16 (812) | 442 | 77 | 164.0 | 11.11 | ✓ |
| Blue | B1 (508) | 702 | 20 | 127.9 | 2.56 | ✓ |
| Blue | B2 (525) | 377 | 12 | 122.9 | 2.28 | ✓ |
| Blue | B3 (542) | 357 | 2 | 225.6 | 2.24 | ✓ |
| Blue | B4 (581) | 346 | 11 | 360.4 | 2.10 | ✓ |
| Blue | B5 (598) | 283 | 24 | 515.9 | 2.66 | ✓ |
| Blue | B6 (615) | 258 | 27 | 634.2 | 3.17 | ✓ |
| Blue | B7 (661) | 528 | 31 | 440.8 | 2.94 | ✓ |
| Blue | B8 (679) | 448 | 27 | 341.8 | 3.01 | ✓ |
| Blue | B9 (697) | 578 | 29 | 288.1 | 2.85 | ✓ |
| Blue | B10 (717) | 466 | 24 | 155.9 | 2.88 | ✓ |
| Blue | B11 (738) | 339 | 26 | 119.8 | 3.10 | ✓ |
| Blue | B12 (760) | 479 | 46 | 129.8 | 3.57 | ✓ |
| Blue | B13 (783) | 586 | 64 | 105.6 | 3.85 | ✓ |
| Blue | B14 (812) | 734 | 96 | 128.0 | 4.41 | ✓ |
| YellowGreen | YG1 (577) | 444 | 34 | 471.1 | 2.31 | ✓ |
| YellowGreen | YG2 (598) | 466 | 68 | 1,281.8 | 3.29 | ✓ |
| YellowGreen | YG3 (615) | 374 | 61 | 1,993.7 | 3.60 | ✓ |
| YellowGreen | YG4 (661) | 709 | 83 | 1,132.5 | 3.47 | ✓ |
| YellowGreen | YG5 (679) | 563 | 63 | 819.2 | 3.23 | ✓ |
| YellowGreen | YG6 (697) | 693 | 67 | 547.8 | 3.28 | ✓ |
| YellowGreen | YG7 (720) | 433 | 51 | 568.1 | 3.57 | ✓ |
| YellowGreen | YG8 (750) | 443 | 56 | 321.2 | 4.15 | ✓ |
| YellowGreen | YG9 (780) | 626 | 99 | 253.9 | 4.71 | ✓ |
| YellowGreen | YG10 (812) | 705 | 139 | 149.8 | 5.25 | ✓ |
| Red | R1 (661) | 325 | -8 | 380.3 | 2.01 | ✓ |
| Red | R2 (679) | 255 | -10 | 615.7 | 1.58 | ✓ |
| Red | R3 (697) | 342 | -14 | 511.1 | 1.56 | ✓ |
| Red | R4 (717) | 367 | 3 | 384.9 | 1.88 | ✓ |
| Red | R5 (738) | 291 | 17 | 399.3 | 2.51 | ✓ |
| Red | R6 (760) | 332 | 31 | 367.5 | 3.28 | ✓ |
| Red | R7 (783) | 467 | 57 | 384.3 | 3.67 | ✓ |
| Red | R8 (812) | 327 | 50 | 202.9 | 5.09 | ✓ |

Laser Settings

| Laser | Laser Delay | Area Scaling Factor |
|-------------|-------------|---------------------|
| Red | -33.50 | 0.85 |
| Blue | 0.00 | 0.97 |
| Violet | 31.68 | 0.94 |
| YellowGreen | 64.38 | 0.88 |

FSC Area Scaling Factor: 1.00 Window Extension: 3

Temperature: 25.5 °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) |