

Daily QC Report

QC Status: PASSED	Date: April 17, 2023 - 10:27 AM
Cytometer Name: Aurora CS	User: Admin
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: 2005	Expiration Date: December 31, 2026

Laser	Detector (nm)	Gain	Gain Change	Median (x1000)	% rCV	Status
Blue	FSC	331	0	1,955.4	1.06	✓
Violet	SSC	346	-6	2,010.4	2.97	✓
Blue	SSC-B	389	7	2,012.1	4.52	✓
Violet	V1 (428)	215	3	466.9	2.01	✓
Violet	V2 (443)	265	3	1,073.5	2.00	✓
Violet	V3 (458)	251	3	1,230.4	2.11	✓
Violet	V4 (473)	179	0	1,206.1	2.25	✓
Violet	V5 (508)	209	-4	1,123.1	2.36	✓
Violet	V6 (525)	209	-6	825.5	2.47	✓
Violet	V7 (542)	260	-11	953.2	2.91	✓
Violet	V8 (581)	417	-34	1,018.1	3.51	✓
Violet	V9 (598)	344	-11	1,221.5	2.96	✓
Violet	V10 (615)	370	-8	2,092.2	3.18	✓
Violet	V11 (664)	279	-40	1,008.4	3.13	✓
Violet	V12 (692)	228	-40	504.7	3.53	✓
Violet	V13 (720)	237	-4	497.7	3.23	✓
Violet	V14 (750)	438	91	1,237.2	6.73	✓
Violet	V15 (780)	651	201	1,786.9	8.44	✓
Violet	V16 (812)	586	258	1,345.9	10.42	✓
Blue	B1 (508)	835	-40	143.8	2.23	✓
Blue	B2 (525)	431	-30	132.4	2.23	✓
Blue	B3 (542)	394	-51	280.1	2.57	✓
Blue	B4 (581)	369	-47	488.2	2.70	✓
Blue	B5 (598)	292	-14	702.0	2.34	✓
Blue	B6 (615)	256	-10	885.3	2.72	✓
Blue	B7 (661)	503	-80	627.3	2.80	✓
Blue	B8 (679)	412	-80	464.8	3.07	✓
Blue	B9 (697)	544	-104	395.6	2.98	✓
Blue	B10 (717)	476	-43	257.6	2.86	✓
Blue	B11 (738)	376	39	345.1	4.37	✓
Blue	B12 (760)	552	114	582.0	5.82	✓
Blue	B13 (783)	730	219	615.5	6.70	✓
Blue	B14 (812)	1,027	436	998.6	8.16	✓
YellowGreen	YG1 (577)	434	-47	593.1	1.80	✓
YellowGreen	YG2 (598)	435	-4	1,395.2	2.02	✓
YellowGreen	YG3 (615)	345	0	2,164.8	2.41	✓
YellowGreen	YG4 (661)	622	-55	1,252.6	1.84	✓
YellowGreen	YG5 (679)	495	-55	883.5	1.43	✓
YellowGreen	YG6 (697)	597	-77	581.1	1.59	✓
YellowGreen	YG7 (720)	383	-15	693.4	2.20	✓
YellowGreen	YG8 (750)	455	92	820.8	5.72	✓
YellowGreen	YG9 (780)	709	231	1,053.5	7.57	✓
YellowGreen	YG10 (812)	941	434	931.3	9.49	✓
Red	R1 (661)	275	-140	378.1	2.86	✓
Red	R2 (679)	227	-127	524.4	3.24	✓
Red	R3 (697)	313	-160	420.8	3.12	✓
Red	R4 (717)	327	-102	353.5	2.06	✓
Red	R5 (738)	295	12	649.4	2.60	✓
Red	R6 (760)	381	71	936.7	4.62	✓
Red	R7 (783)	574	169	1,284.5	5.88	✓
Red	R8 (812)	438	185	926.4	7.92	✓

Laser Settings

Laser	Laser Delay	Area Scaling Factor
Red	-26.15	0.99
Blue	0.00	1.11
Violet	24.70	1.08
YellowGreen	50.20	1.01

FSC Area Scaling Factor: 1.12 Window Extension: 3

Temperature: 25.4 °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)