

Daily QC Report

QC Status: PASSED	Date: March 06, 2023 - 09:40 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	2,039.0	3.14	✓
Violet	SSC	222	7	1,966.0	7.69	✓
Blue	SSC-B	280	14	1,976.1	4.04	✓
Violet	V1 (428)	197	9	455.1	5.26	✓
Violet	V2 (443)	241	10	1,082.7	5.27	✓
Violet	V3 (458)	223	9	1,262.4	5.43	✓
Violet	V4 (473)	162	7	1,289.6	5.60	✓
Violet	V5 (508)	189	8	1,221.3	5.85	✓
Violet	V6 (525)	190	8	893.7	5.83	✓
Violet	V7 (542)	245	10	972.3	6.36	✓
Violet	V8 (581)	408	21	800.7	7.05	✓
Violet	V9 (598)	337	23	932.4	7.57	✓
Violet	V10 (615)	368	26	1,529.0	8.02	✓
Violet	V11 (664)	304	16	706.2	7.94	✓
Violet	V12 (692)	250	10	360.7	8.06	✓
Violet	V13 (720)	249	17	280.9	8.49	✓
Violet	V14 (750)	400	34	313.6	9.39	✓
Violet	V15 (780)	538	51	294.7	10.40	✓
Violet	V16 (812)	413	48	165.6	11.28	✓
Blue	B1 (508)	710	28	129.0	2.50	✓
Blue	B2 (525)	381	16	123.2	2.17	✓
Blue	B3 (542)	362	7	224.4	2.15	✓
Blue	B4 (581)	346	11	359.6	2.04	✓
Blue	B5 (598)	273	14	516.9	2.78	✓
Blue	B6 (615)	247	16	646.0	3.23	✓
Blue	B7 (661)	521	24	446.7	2.94	✓
Blue	B8 (679)	439	18	339.0	2.94	✓
Blue	B9 (697)	576	27	287.3	2.79	✓
Blue	B10 (717)	466	24	159.0	2.82	✓
Blue	B11 (738)	330	17	121.0	3.09	✓
Blue	B12 (760)	465	32	131.9	3.56	✓
Blue	B13 (783)	570	48	108.6	3.77	✓
Blue	B14 (812)	702	64	131.5	4.09	✓
YellowGreen	YG1 (577)	437	27	475.3	2.70	✓
YellowGreen	YG2 (598)	435	37	1,299.8	3.24	✓
YellowGreen	YG3 (615)	346	33	2,030.2	3.34	✓
YellowGreen	YG4 (661)	668	42	1,141.2	3.08	✓
YellowGreen	YG5 (679)	535	35	820.3	2.81	✓
YellowGreen	YG6 (697)	661	35	538.7	2.84	✓
YellowGreen	YG7 (720)	414	32	568.8	3.18	✓
YellowGreen	YG8 (750)	418	31	325.9	3.76	✓
YellowGreen	YG9 (780)	589	62	260.5	4.40	✓
YellowGreen	YG10 (812)	653	87	155.0	5.25	✓
Red	R1 (661)	344	11	394.7	2.78	✓
Red	R2 (679)	265	0	615.3	2.08	✓
Red	R3 (697)	357	1	513.6	2.02	✓
Red	R4 (717)	376	12	390.9	1.93	✓
Red	R5 (738)	287	13	401.4	2.12	✓
Red	R6 (760)	324	23	373.8	2.71	✓
Red	R7 (783)	447	37	390.1	3.29	✓
Red	R8 (812)	309	32	208.5	4.54	✓

Laser Settings

Laser	Laser Delay	Area Scaling Factor
Red	-33.45	0.85
Blue	0.00	0.97
Violet	31.70	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)