

Daily QC Report

QC Status: PASSED	Date: January 23, 2023 - 11:39 AM
Cytometer Name: Aurora CS	User: IGF
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: 2004 **Expiration Date:** December 31, 2026

Laser	Detector (nm)	Gain	Gain Change	Median (x1000)	% rCV	Status
Blue	FSC	340	32	1,961.6	5.18	✓
Violet	SSC	242	27	1,984.1	4.90	✓
Blue	SSC-B	315	49	1,992.2	1.98	✓
Violet	V1 (428)	210	22	465.2	2.55	✓
Violet	V2 (443)	258	27	1,102.9	2.59	✓
Violet	V3 (458)	238	24	1,272.2	2.58	✓
Violet	V4 (473)	173	18	1,299.0	2.59	✓
Violet	V5 (508)	204	23	1,241.5	2.65	✓
Violet	V6 (525)	205	23	899.6	2.67	✓
Violet	V7 (542)	267	32	992.6	2.98	✓
Violet	V8 (581)	442	55	818.0	3.53	✓
Violet	V9 (598)	346	32	943.1	3.95	✓
Violet	V10 (615)	364	22	1,554.9	4.27	✓
Violet	V11 (664)	315	27	732.2	4.23	✓
Violet	V12 (692)	258	18	367.5	4.36	✓
Violet	V13 (720)	249	17	285.1	4.53	✓
Violet	V14 (750)	363	-3	310.8	5.34	✓
Violet	V15 (780)	460	-27	292.7	6.21	✓
Violet	V16 (812)	324	-41	156.9	7.46	✓
Blue	B1 (508)	797	115	130.3	2.68	✓
Blue	B2 (525)	425	60	121.5	2.41	✓
Blue	B3 (542)	415	60	229.1	2.37	✓
Blue	B4 (581)	391	56	360.6	2.01	✓
Blue	B5 (598)	294	35	521.4	1.92	✓
Blue	B6 (615)	258	27	647.9	1.88	✓
Blue	B7 (661)	558	61	451.6	1.83	✓
Blue	B8 (679)	477	56	345.1	1.77	✓
Blue	B9 (697)	629	80	292.7	1.78	✓
Blue	B10 (717)	493	51	160.6	2.02	✓
Blue	B11 (738)	337	24	121.3	2.37	✓
Blue	B12 (760)	445	12	129.3	3.18	✓
Blue	B13 (783)	522	0	104.1	3.62	✓
Blue	B14 (812)	610	-28	125.6	4.44	✓
YellowGreen	YG1 (577)	465	55	475.8	1.55	✓
YellowGreen	YG2 (598)	423	25	1,306.8	1.92	✓
YellowGreen	YG3 (615)	334	21	2,037.8	1.91	✓
YellowGreen	YG4 (661)	653	27	1,148.2	1.85	✓
YellowGreen	YG5 (679)	540	40	855.4	1.59	✓
YellowGreen	YG6 (697)	667	41	562.9	1.66	✓
YellowGreen	YG7 (720)	400	18	575.1	2.01	✓
YellowGreen	YG8 (750)	376	-11	324.9	2.95	✓
YellowGreen	YG9 (780)	494	-33	257.7	4.05	✓
YellowGreen	YG10 (812)	510	-56	148.0	5.08	✓
Red	R1 (661)	377	44	394.4	2.18	✓
Red	R2 (679)	314	49	626.4	2.84	✓
Red	R3 (697)	419	63	518.9	2.67	✓
Red	R4 (717)	402	38	389.7	1.51	✓
Red	R5 (738)	281	7	400.4	1.92	✓
Red	R6 (760)	294	-7	367.2	3.02	✓
Red	R7 (783)	375	-35	373.0	3.98	✓
Red	R8 (812)	241	-36	195.3	5.25	✓

Laser Settings

Laser	Laser Delay	Area Scaling Factor
Red	-25.95	0.98
Blue	0.00	1.11
Violet	24.50	1.07
YellowGreen	49.83	1.02

FSC Area Scaling Factor: 1.13 Window Extension: 3

Temperature: 26 °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)