

Daily QC Report

QC Status:	PASSED	Date:	November 06, 2023 - 10:00 AM
Cytometer Name:	Aurora	User:	Admin
Serial Number:	S0144	Nozzle Size:	100 µm
Configuration:	4-Laser-V16-B14-R8-YG10	Sheath Pressure:	38 PSI
Software:	SpectroFloCS 1.0.7.1		

QC Beads
 Lot ID: 2005 Expiration Date: December 31, 2026

Laser	Detector (nm)	Gain	Gain Change	Median (x1000)	% rCV	Status
Blue	FSC	426	77	1,916.4	1.07	✔
Violet	SSC	485	149	1,999.9	4.50	✔
Blue	SSC-B	540	154	2,015.4	3.95	✔
Violet	V1 (428)	300	65	468.3	2.94	✔
Violet	V2 (443)	367	76	1,072.9	3.01	✔
Violet	V3 (458)	349	72	1,224.9	3.02	✔
Violet	V4 (473)	252	53	1,200.4	2.67	✔
Violet	V5 (508)	299	64	1,141.5	2.38	✔
Violet	V6 (525)	294	60	827.3	2.26	✔
Violet	V7 (542)	381	80	960.9	1.83	✔
Violet	V8 (581)	631	116	1,031.5	1.33	✔
Violet	V9 (598)	479	72	1,229.5	1.30	✔
Violet	V10 (615)	495	64	2,117.7	1.38	✔
Violet	V11 (664)	434	85	1,025.3	1.43	✔
Violet	V12 (692)	364	75	518.4	1.62	✔
Violet	V13 (720)	329	74	502.6	2.08	✔
Violet	V14 (750)	466	106	1,234.3	2.98	✔
Violet	V15 (780)	616	149	1,790.8	4.21	✔
Violet	V16 (812)	454	117	1,327.8	5.60	✔
Blue	B1 (508)	1,275	317	141.8	2.23	✔
Blue	B2 (525)	674	160	134.7	1.93	✔
Blue	B3 (542)	644	146	278.1	1.81	✔
Blue	B4 (581)	604	128	496.3	1.88	✔
Blue	B5 (598)	439	81	708.3	2.11	✔
Blue	B6 (615)	377	72	879.8	2.24	✔
Blue	B7 (661)	835	199	630.1	2.21	✔
Blue	B8 (679)	714	172	469.9	2.27	✔
Blue	B9 (697)	932	235	399.9	2.42	✔
Blue	B10 (717)	764	207	255.1	2.41	✔
Blue	B11 (738)	500	140	341.8	2.38	✔
Blue	B12 (760)	662	198	580.4	3.01	✔
Blue	B13 (783)	790	242	605.3	3.16	✔
Blue	B14 (812)	948	305	988.1	3.98	✔
YellowGreen	YG1 (577)	743	169	598.0	2.74	✔
YellowGreen	YG2 (598)	671	132	1,424.4	2.58	✔
YellowGreen	YG3 (615)	517	104	2,202.5	2.42	✔
YellowGreen	YG4 (661)	1,008	253	1,265.7	2.65	✔
YellowGreen	YG5 (679)	813	194	876.4	2.54	✔
YellowGreen	YG6 (697)	1,040	280	588.5	2.84	✔
YellowGreen	YG7 (720)	607	166	698.6	3.09	✔
YellowGreen	YG8 (750)	542	150	814.4	3.06	✔
YellowGreen	YG9 (780)	722	209	1,049.8	3.42	✔
YellowGreen	YG10 (812)	767	237	893.7	4.69	✔
Red	R1 (661)	540	156	398.1	1.85	✔
Red	R2 (679)	456	112	540.0	1.87	✔
Red	R3 (697)	625	172	427.4	2.10	✔
Red	R4 (717)	575	152	365.1	2.09	✔
Red	R5 (738)	389	96	654.6	2.94	✔
Red	R6 (760)	436	112	923.2	4.74	✔
Red	R7 (783)	587	163	1,255.3	5.87	✔
Red	R8 (812)	398	132	897.8	10.16	✔

Laser Settings

Laser	Laser Delay	Area Scaling Factor
Red	-19.70	1.09
Blue	0.00	1.20
Violet	20.90	1.16
YellowGreen	40.15	1.10

FSC Area Scaling Factor: 1.20 Window Extension: 3

Temperature: 24.8 °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)