

Daily QC Report

QC Status: PASSED	Date: June 26, 2023 - 19:03 PM
Cytometer Name: Aurora	User: Admin
Serial Number: S0144	Nozzle Size: 100 µm
Configuration: 4-Laser-V16-B14-R8-YG10	Sheath Pressure: 15 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	314	-35	2,032.2	1.25	✔
Violet	SSC	320	-16	1,950.9	5.67	✔
Blue	SSC-B	356	-30	1,975.3	4.85	✔
Violet	V1 (428)	225	-10	467.7	2.48	✔
Violet	V2 (443)	278	-13	1,077.7	2.49	✔
Violet	V3 (458)	262	-15	1,212.8	2.45	✔
Violet	V4 (473)	189	-10	1,196.2	2.27	✔
Violet	V5 (508)	224	-11	1,123.2	2.13	✔
Violet	V6 (525)	223	-11	822.9	2.09	✔
Violet	V7 (542)	289	-12	960.5	1.89	✔
Violet	V8 (581)	489	-26	1,013.3	1.81	✔
Violet	V9 (598)	391	-16	1,227.0	1.97	✔
Violet	V10 (615)	416	-15	2,128.7	2.16	✔
Violet	V11 (664)	340	-9	1,000.4	2.12	✔
Violet	V12 (692)	286	-3	505.3	2.21	✔
Violet	V13 (720)	252	-3	494.1	2.31	✔
Violet	V14 (750)	358	-2	1,244.2	2.73	✔
Violet	V15 (780)	463	-4	1,821.4	3.83	✔
Violet	V16 (812)	331	-6	1,378.1	5.23	✔
Blue	B1 (508)	912	-46	143.0	2.09	✔
Blue	B2 (525)	482	-32	133.7	1.80	✔
Blue	B3 (542)	468	-30	279.4	1.58	✔
Blue	B4 (581)	442	-34	486.1	1.62	✔
Blue	B5 (598)	334	-24	687.3	1.96	✔
Blue	B6 (615)	291	-14	880.3	2.19	✔
Blue	B7 (661)	607	-29	619.7	2.12	✔
Blue	B8 (679)	521	-21	460.0	2.10	✔
Blue	B9 (697)	676	-21	393.9	1.94	✔
Blue	B10 (717)	542	-15	249.7	1.77	✔
Blue	B11 (738)	352	-8	341.4	1.72	✔
Blue	B12 (760)	460	-4	581.6	1.61	✔
Blue	B13 (783)	539	-9	615.6	1.85	✔
Blue	B14 (812)	642	-1	1,015.0	3.05	✔
YellowGreen	YG1 (577)	578	4	596.3	2.99	✔
YellowGreen	YG2 (598)	534	-5	1,400.2	2.73	✔
YellowGreen	YG3 (615)	412	-1	2,197.8	2.46	✔
YellowGreen	YG4 (661)	775	20	1,258.4	2.44	✔
YellowGreen	YG5 (679)	628	9	881.7	2.29	✔
YellowGreen	YG6 (697)	765	5	575.0	2.47	✔
YellowGreen	YG7 (720)	447	6	697.3	2.26	✔
YellowGreen	YG8 (750)	390	-2	820.7	1.85	✔
YellowGreen	YG9 (780)	508	-5	1,063.7	2.29	✔
YellowGreen	YG10 (812)	523	-7	926.2	3.72	✔
Red	R1 (661)	426	42	384.5	4.15	✔
Red	R2 (679)	372	28	522.5	3.93	✔
Red	R3 (697)	490	37	415.4	3.98	✔
Red	R4 (717)	453	30	351.6	3.87	✔
Red	R5 (738)	307	14	658.3	3.75	✔
Red	R6 (760)	337	13	942.2	4.41	✔
Red	R7 (783)	439	15	1,301.1	4.71	✔
Red	R8 (812)	278	12	943.8	8.19	✔

Laser Settings

Laser	Laser Delay	Area Scaling Factor
Red	-32.80	0.84
Blue	0.00	0.96
Violet	32.18	0.92
YellowGreen	62.93	0.87

FSC Area Scaling Factor: 0.99 Window Extension: 3

Temperature: 24.4 °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)