

Daily QC Report

QC Status: PASSED	Date: April 03, 2023 - 10:07 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	300	-8	2,027.0	2.61	✓
Violet	SSC	221	6	1,986.1	6.28	✓
Blue	SSC-B	287	21	2,006.5	3.68	✓
Violet	V1 (428)	196	8	461.4	3.41	✓
Violet	V2 (443)	242	11	1,098.2	3.42	✓
Violet	V3 (458)	223	9	1,280.4	3.46	✓
Violet	V4 (473)	160	5	1,291.0	3.51	✓
Violet	V5 (508)	187	6	1,224.3	3.62	✓
Violet	V6 (525)	188	6	896.0	3.65	✓
Violet	V7 (542)	243	8	983.6	4.07	✓
Violet	V8 (581)	406	19	817.1	4.67	✓
Violet	V9 (598)	339	25	936.1	6.15	✓
Violet	V10 (615)	371	29	1,547.7	7.31	✓
Violet	V11 (664)	306	18	711.2	6.88	✓
Violet	V12 (692)	246	6	360.5	6.79	✓
Violet	V13 (720)	248	16	281.0	7.58	✓
Violet	V14 (750)	402	36	313.0	8.97	✓
Violet	V15 (780)	544	57	292.6	10.62	✓
Violet	V16 (812)	424	59	165.3	11.83	✓
Blue	B1 (508)	717	35	128.5	2.71	✓
Blue	B2 (525)	389	24	123.7	2.42	✓
Blue	B3 (542)	367	12	225.4	2.42	✓
Blue	B4 (581)	355	20	361.5	2.16	✓
Blue	B5 (598)	280	21	517.5	2.80	✓
Blue	B6 (615)	255	24	644.9	3.38	✓
Blue	B7 (661)	538	41	451.4	2.93	✓
Blue	B8 (679)	446	25	338.4	2.80	✓
Blue	B9 (697)	587	38	287.9	2.66	✓
Blue	B10 (717)	474	32	158.4	2.87	✓
Blue	B11 (738)	336	23	120.0	3.30	✓
Blue	B12 (760)	475	42	130.6	4.26	✓
Blue	B13 (783)	584	62	107.3	4.72	✓
Blue	B14 (812)	724	86	128.9	5.44	✓
YellowGreen	YG1 (577)	437	27	477.5	2.11	✓
YellowGreen	YG2 (598)	442	44	1,306.7	4.09	✓
YellowGreen	YG3 (615)	350	37	2,037.4	4.52	✓
YellowGreen	YG4 (661)	674	48	1,132.1	4.16	✓
YellowGreen	YG5 (679)	543	43	828.7	3.76	✓
YellowGreen	YG6 (697)	678	52	546.7	3.77	✓
YellowGreen	YG7 (720)	421	39	573.5	4.35	✓
YellowGreen	YG8 (750)	428	41	325.1	5.34	✓
YellowGreen	YG9 (780)	609	82	260.1	6.34	✓
YellowGreen	YG10 (812)	684	118	153.4	7.16	✓
Red	R1 (661)	338	5	383.9	2.32	✓
Red	R2 (679)	264	-1	614.7	1.90	✓
Red	R3 (697)	352	-4	506.2	1.82	✓
Red	R4 (717)	375	11	387.2	1.98	✓
Red	R5 (738)	293	19	401.8	2.87	✓
Red	R6 (760)	331	30	370.5	3.91	✓
Red	R7 (783)	458	48	385.7	4.87	✓
Red	R8 (812)	320	43	205.6	6.74	✓

Laser Settings

Laser	Laser Delay	Area Scaling Factor
Red	-34.00	0.84
Blue	0.00	0.97
Violet	32.10	0.94
YellowGreen	65.18	0.88

FSC Area Scaling Factor: 1.00 Window Extension: 3

Temperature: 24.5 °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)