

## GENEWIZ NGS Laboratory Sample QC Form

**Name:** Krista Nichols

**Institute:** National Oceanic and Atmospheric Administration-WA

**Quotation Number:** 30-544518807

Sample ID	GENEWIZ ID	Sample Type	Sample Vol.(ul)	Nanodrop 2000				DNA Qubit		RNA Qubit		TapeStation			QC Note
				Actual Nucleic Acid Conc. (ng/ul)	Total Amount (ng)	A260/A280	A260/A230	Actual Nucleic Acid Conc. (ng/ul)	Total Amount (ng)	Actual Nucleic Acid Conc. (ng/ul)	Total Amount (ng)	Average Size for DNA	RIN for RNA	DV 200 (for RNA)	
CH01-06	SDF20433	Fresh Frozen Tissue	16	213.20	3411.20	2.02	1.98	NA	NA	128.40	2054.40	NA	4.1	56.34	2,3
CH01-14	SDF20434	Fresh Frozen Tissue	15	61.30	919.50	1.79	1.20	NA	NA	38.80	582.00	NA	3.7	63.74	2,3
CH01-22	SDF20435	Fresh Frozen Tissue	16	122.50	1960.00	1.94	1.86	NA	NA	212.00	3392.00	NA	3.4	51.93	2,3
CH01-38	SDF20436	Fresh Frozen Tissue	16	160.60	2569.60	1.97	1.55	NA	NA	188.00	3008.00	NA	3.4	55.91	2,3
CH03-04	SDF20437	Fresh Frozen Tissue	16	149.60	2393.60	1.99	1.64	NA	NA	148.40	2374.40	NA	3.9	58.75	2,3
CH03-15	SDF20438	Fresh Frozen Tissue	16	250.60	4009.60	2.09	1.88	NA	NA	252.00	4032.00	NA	4.5	62.56	2,3
CH03-33	SDF20439	Fresh Frozen Tissue	16	100.10	1601.60	1.59	0.82	NA	NA	35.20	563.20	NA	3.0	68.32	2,3
CH05-01	SDF20440	Fresh Frozen Tissue	15	92.70	1390.50	1.94	0.76	NA	NA	91.80	1377.00	NA	4.0	62.29	2,3
CH05-06	SDF20441	Fresh Frozen Tissue	15	71.90	1078.50	1.82	1.05	NA	NA	40.00	600.00	NA	4.2	58.86	2,3
CH05-21	SDF20442	Fresh Frozen Tissue	15	269.50	4042.50	2.12	0.46	NA	NA	176.00	2640.00	NA	5.1	62.76	2,3
CH07-06	SDF20443	Fresh Frozen Tissue	16	133.20	2131.20	1.98	1.63	NA	NA	107.60	1721.60	NA	3.5	68.43	2,3
CH07-11	SDF20444	Fresh Frozen Tissue	16	76.30	1220.80	1.87	0.42	NA	NA	57.40	918.40	NA	3.3	70.40	2
CH07-24	SDF20445	Fresh Frozen Tissue	15	78.30	1174.50	1.88	1.41	NA	NA	63.00	945.00	NA	3.5	64.92	2,3
CH09-02	SDF20446	Fresh Frozen Tissue	15	140.00	2100.00	1.90	1.26	NA	NA	111.60	1674.00	NA	4.6	66.39	2,3
CH09-13	SDF20447	Fresh Frozen Tissue	16	163.20	2611.20	1.96	1.79	NA	NA	136.80	2188.80	NA	4.2	58.96	2,3
CH09-28	SDF20448	Fresh Frozen Tissue	16	55.10	881.60	1.86	1.09	NA	NA	44.20	707.20	NA	2.5	58.72	2,3

CH10-08	SDF20449	Fresh Frozen Tissue	16	229.80	3676.80	2.05	1.67	NA	NA	152.00	2432.00	NA	4.1	59.54	2,3
CH10-11	SDF20450	Fresh Frozen Tissue	16	223.00	3568.00	2.04	1.62	NA	NA	128.00	2048.00	NA	3.5	53.60	2,3
CH05-07	SDF20451	Fresh Frozen Tissue	16	114.50	1832.00	1.87	1.34	NA	NA	56.80	908.80	NA	2.6	51.98	2,3
CH05-09	SDF20452	Fresh Frozen Tissue	15	71.80	1077.00	1.85	1.35	NA	NA	52.60	789.00	NA	3.4	64.34	2,3
CH05-29	SDF20453	Fresh Frozen Tissue	15	42.60	639.00	1.89	1.07	NA	NA	33.20	498.00	NA	4.3	65.05	2,3
CH05-14	SDF20454	Fresh Frozen Tissue	15	81.80	1227.00	1.93	0.33	NA	NA	53.00	795.00	NA	4.4	63.39	2,3
CH07-04	SDF20455	Fresh Frozen Tissue	15	61.70	925.50	1.66	0.66	NA	NA	24.00	360.00	NA	2.7	53.69	2,3
CH07-08	SDF20456	Fresh Frozen Tissue	15	53.90	808.50	1.89	0.12	NA	NA	37.40	561.00	NA	4.4	70.96	2

**QC Note Legend for RNA**

Number	Note
1	Not enough starting material
2	RIN<6
3	DV200<70
4	DNA Spot Check >10%

**QC Note Legend for DNA**

Number	Note
1	Not enough starting material
2	RNA Spot Check >10%