



Fragment Analyzer Run Summary:

Filename and Data Path: C:\AATI\Data\2023 09 15\11-57-52\2023 09 15 11H 57M.raw

Created: Friday, September 15, 2023 12:19:19 PM

of Capillaries: 4

Array Serial #: 062222-17SFS

Effect Length: 33 cm

Array Usage Count: 24

FA Version #: 1.2.0.11

Device Serial #: 3632

METHOD INFORMATION

Method Name: DNF-474-33 - HS NGS Fragment 1-6000bp.mthds

Gel Prime: No

Full Conditioning: Yes

Gel Prime to Buffer: No

Gel Selection: Gel 2

Perform Prerun: 6.0 kV, 30 sec.

Rinse: No

Marker 1: No

Rinse: Tray: 3, Row: A, # Dips: 1

Sample Injection: 5.0 kV, 30 sec.

Separation: 6.0 kV, 50.0 min.

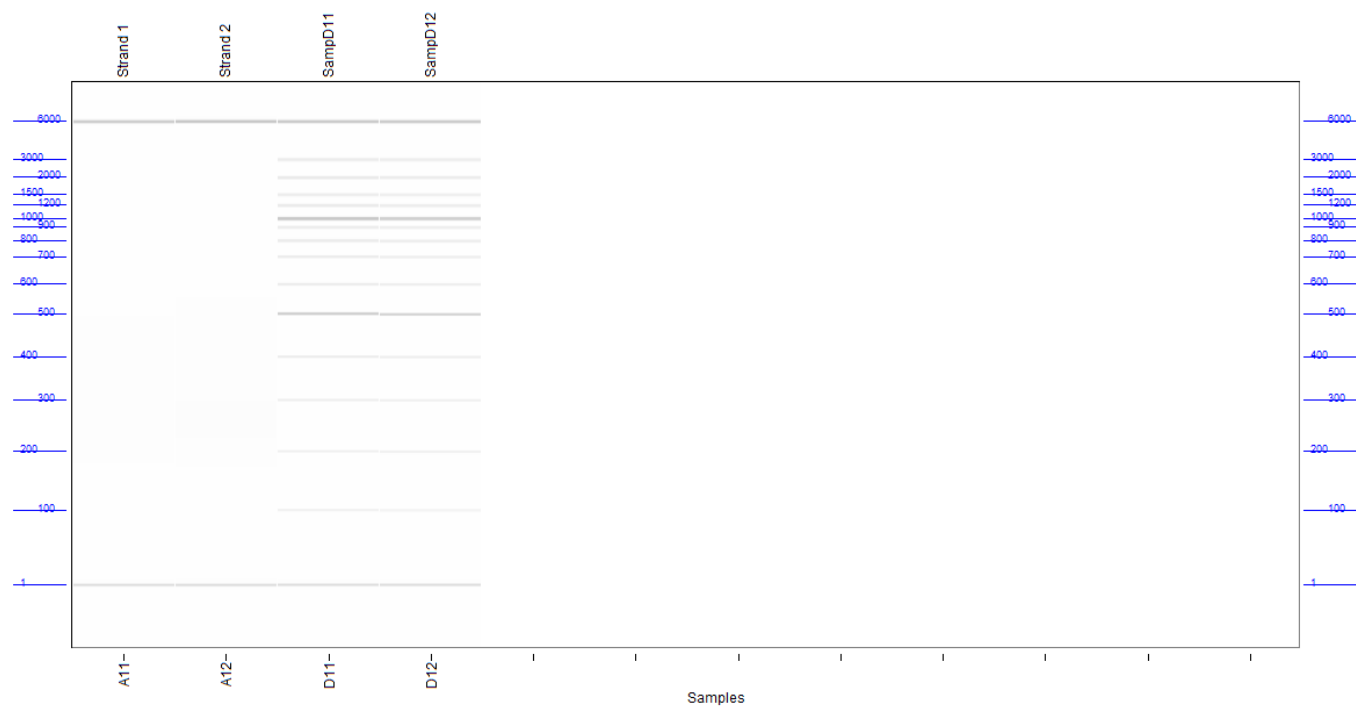
Tray Name: Tray-1

Analysis Mode: NGS

NOTES

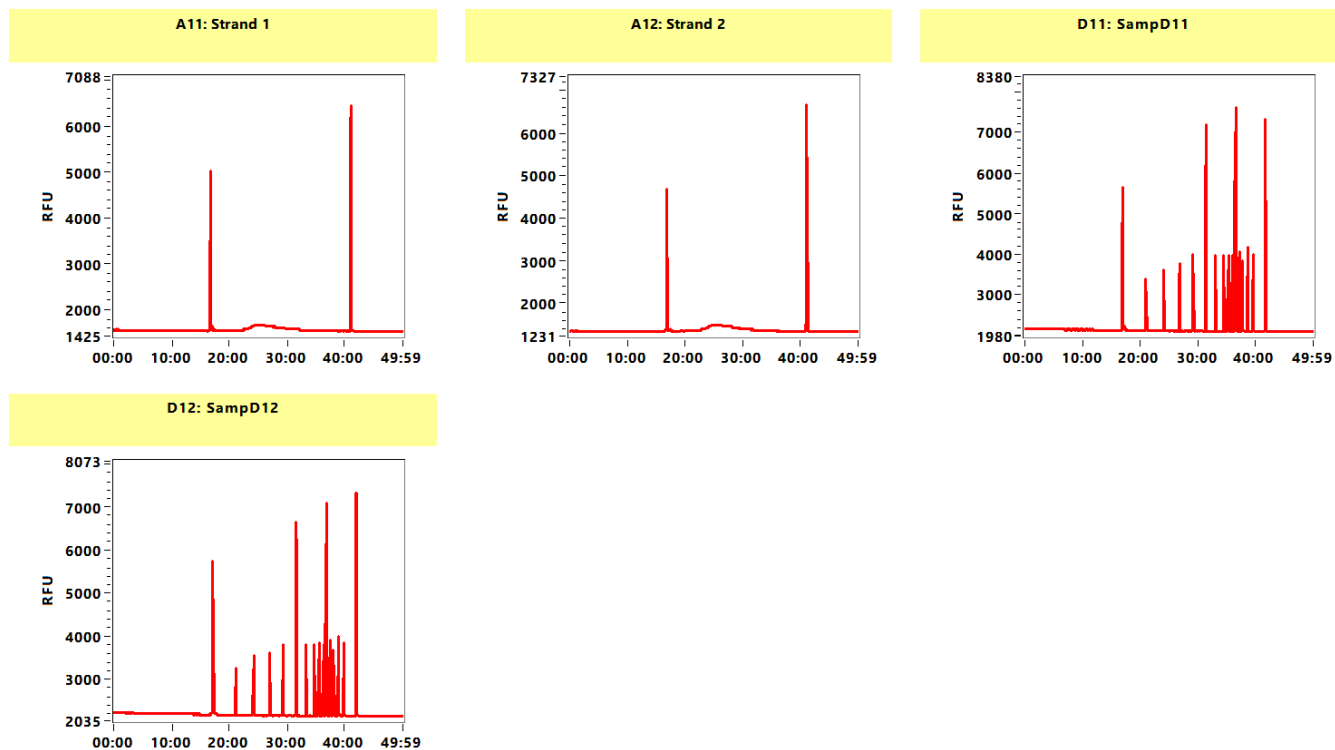


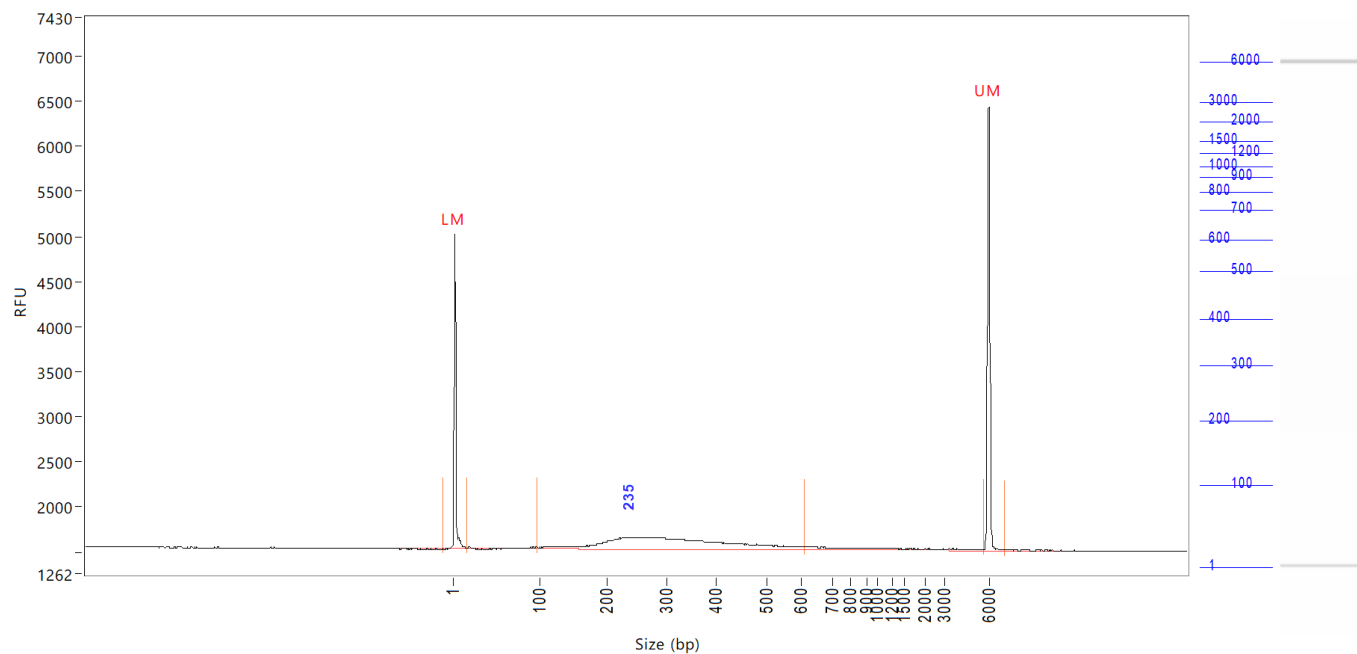
Gel Image





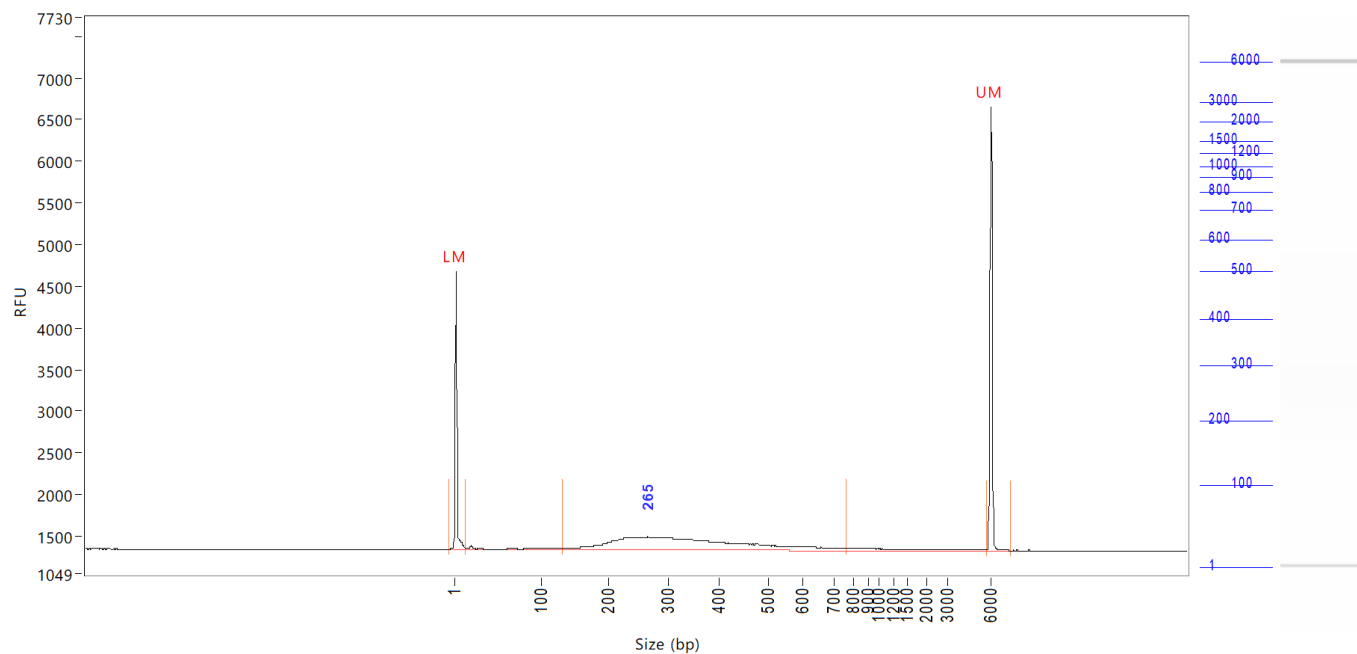
Filename and Data Path: C:\AATI\Data\2023 09 15\11-57-52\2023 09 15 11H 57M.raw



**Sample:** Strand 1**Well Location:** A11**Created:** Friday, September 15, 2023 12:19:19 PM

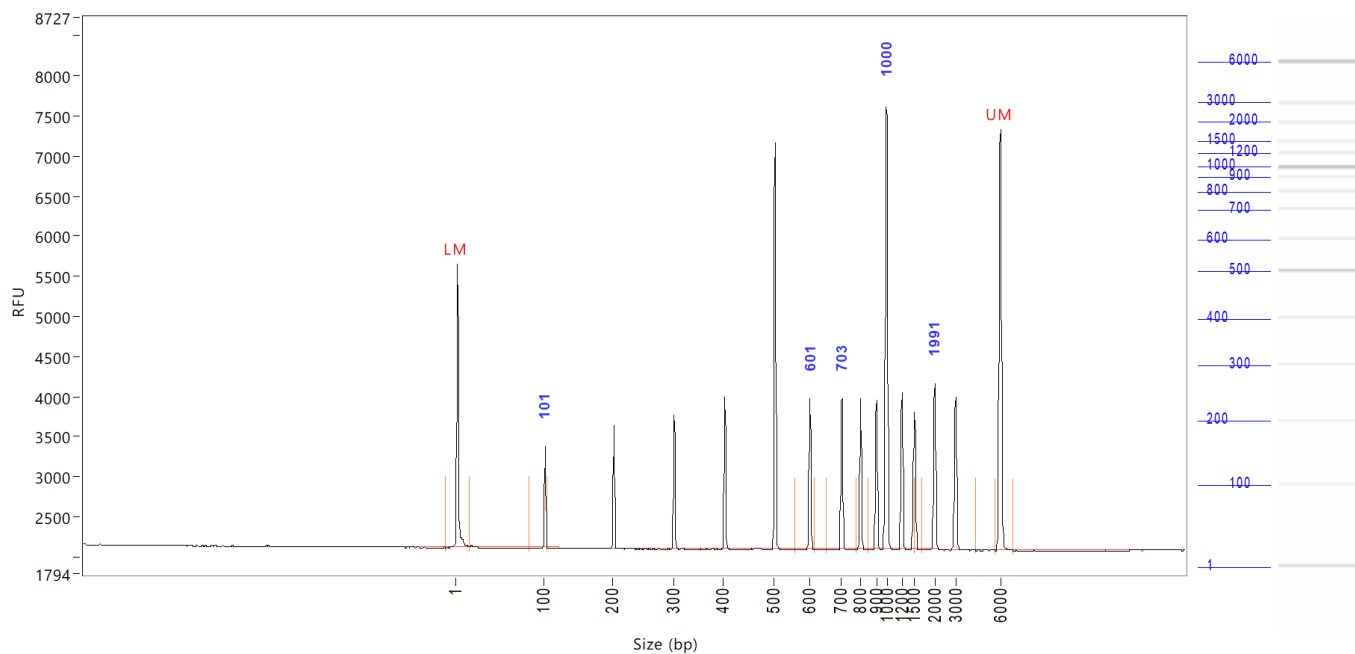
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	1 (LM)	0.0184	0	16	1	169.39	3488	19.318
2	235	0.3677	97	614	310	35.45	133	32.164
3	6000 (UM)	0.0151	5656	7100	5971	1.79	4926	15.895
TIC:		0.3677	ng/uL					
TIM:		1.9511	nmole/L					
Total Conc.:		0.4227	ng/uL					

Sample Peak Width (sec): 50 Sample Min Peak Height: 25 Sample Baseline V to V?: Y Sample Baseline V to V pts: 3
Sample Filter: Binomial # of Pts for Filter: 3 Sample Start Region (min): 0 Sample End Region (min): 50
Manual Baseline Start (min): 10 Manual Baseline End (min): 48
Marker Peak Width (sec): 5 Marker Min Peak Height: 200 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 200 RFU Upper Marker Selection: Last Peak > 200 RFU
Ladder Size (bp): 1, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1200, 1500, 2000, 3000, 6000
Quantification Using: Ladder Final Concentration (ng/uL): 0.0830 Dilution Factor: 12.0

**Sample:** Strand 2**Well Location:** A12**Created:** Friday, September 15, 2023 12:19:19 PM

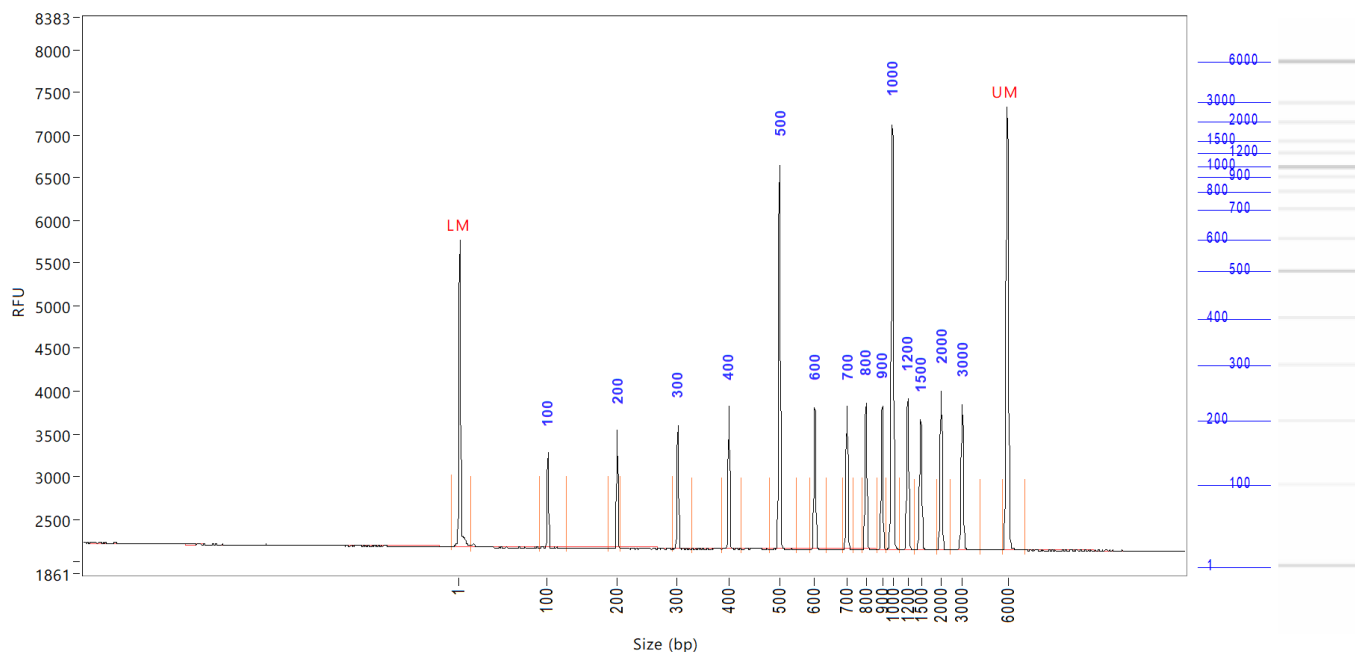
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	1 (LM)	0.0184	0	14	1	174.77	3341	19.000
2	265	0.4621	132	769	334	38.36	158	39.761
3	6000 (UM)	0.0162	5680	7295	5991	1.89	5338	16.748
TIC:			0.4621	ng/uL				
TIM:			2.2762	nmole/L				
Total Conc.:			0.5392	ng/uL				

Sample Peak Width (sec): 50 Sample Min Peak Height: 25 Sample Baseline V to V?: Y Sample Baseline V to V pts: 3
Sample Filter: Binomial # of Pts for Filter: 3 Sample Start Region (min): 0 Sample End Region (min): 50
Manual Baseline Start (min): 10 Manual Baseline End (min): 48
Marker Peak Width (sec): 5 Marker Min Peak Height: 200 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 200 RFU Upper Marker Selection: Last Peak > 200 RFU
Ladder Size (bp): 1, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1200, 1500, 2000, 3000, 6000
Quantification Using: Ladder Final Concentration (ng/uL): 0.0830 Dilution Factor: 12.0

**Sample:** SampD11**Well Location:** D11**Created:** Friday, September 15, 2023 12:19:19 PM

Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	1 (LM)	0.0184	0	15	1	148.03	3522	19.884
2	101	0.0519	84	104	100	1.05	1263	4.674
3	601	0.0627	558	617	600	0.41	1864	5.648
4	703	0.0630	654	777	701	0.49	1871	5.675
5	1000	0.3705	854	1500	1071	16.14	5514	33.357
6	1991	0.1320	1692	4353	2466	20.28	2051	11.883
7	6000 (UM)	0.0151	5680	6880	5972	1.26	5233	16.269
TIC:		0.6801	ng/uL					
TIM:		1.8299	nmole/L					
Total Conc.:		1.1211	ng/uL					

Sample Peak Width (sec): 50 Sample Min Peak Height: 25 Sample Baseline V to V?: Y Sample Baseline V to V pts: 3
Sample Filter: Binomial # of Pts for Filter: 3 Sample Start Region (min): 0 Sample End Region (min): 50
Manual Baseline Start (min): 10 Manual Baseline End (min): 48
Marker Peak Width (sec): 5 Marker Min Peak Height: 200 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 200 RFU Upper Marker Selection: Last Peak > 200 RFU
Ladder Size (bp): 1, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1200, 1500, 2000, 3000, 6000
Quantification Using: Ladder Final Concentration (ng/uL): 0.0830 Dilution Factor: 12.0

**Sample:** SampD12**Well Location:** D12**Created:** Friday, September 15, 2023 12:19:19 PM

Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	1 (LM)	0.0184	0	16	1	150.50	3580	19.914
2	100	0.0464	91	128	100	1.00	1097	4.183
3	200	0.0493	189	207	200	0.56	1368	4.449
4	300	0.0505	293	329	299	0.42	1438	4.558
5	400	0.0561	386	425	400	0.39	1655	5.063
6	500	0.1524	481	547	499	0.35	4482	13.743
7	600	0.0555	586	635	599	0.41	1645	5.006
8	700	0.0561	689	732	700	0.45	1664	5.056
9	800	0.0562	779	872	798	0.57	1702	5.064
10	900	0.0551	872	938	897	0.65	1673	4.968
11	1000	0.1842	938	1088	996	1.06	4963	16.612
12	1200	0.0602	1088	1359	1195	1.19	1760	5.431
13	1500	0.0552	1359	1891	1487	1.57	1526	4.978
14	2000	0.0611	1891	2411	1986	1.28	1857	5.513
15	3000	0.0574	2411	4181	2980	1.77	1706	5.178
16	6000 (UM)	0.0151	5705	7198	5965	1.35	5199	16.387
TIC:		0.9958	ng/uL					
TIM:		3.2109	nmole/L					
Total Conc.:		0.9960	ng/uL					

Sample Peak Width (sec): 10 Sample Min Peak Height: 100 Sample Baseline V to V?: Y Sample Baseline V to V pts: 3
Sample Filter: Binomial # of Pts for Filter: 3 Sample Start Region (min): 0 Sample End Region (min): 50
Manual Baseline Start (min): 10 Manual Baseline End (min): 48
Marker Peak Width (sec): 5 Marker Min Peak Height: 200 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 200 RFU Upper Marker Selection: Last Peak > 200 RFU
Ladder Size (bp): 1, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1200, 1500, 2000, 3000, 6000
Quantification Using: Ladder Final Concentration (ng/uL): 0.0830 Dilution Factor: 12.0

**Sample:** SampD12**Well Location:** D12**Created:** Friday, September 15, 2023 12:19:19 PM**Fit Type:** Point to Point

Calibration Curve

