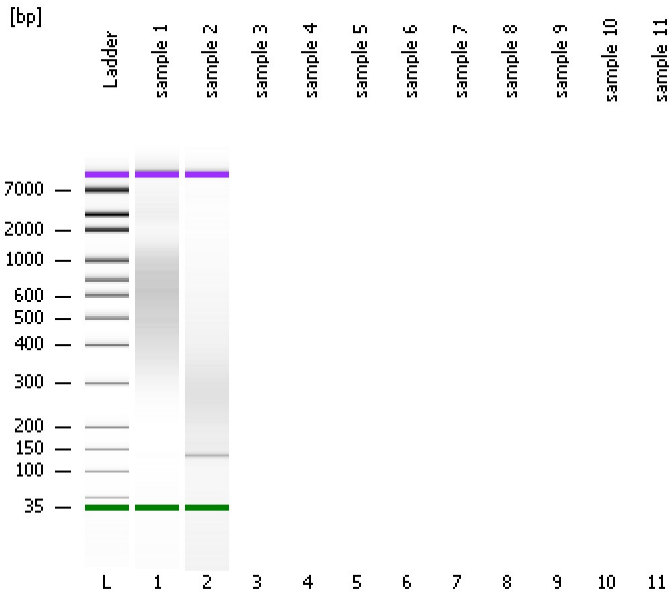


Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-07\2018-03-07_002.xad

Created: 3/7/2018 2:35:49 PM
Modified: 3/7/2018 3:15:58 PM

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: DE34903152 Firmware: C.01.069
Serial#: DE34903152 Type: G2938C

Assay Information:

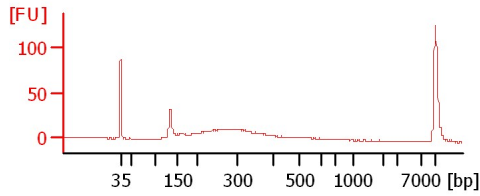
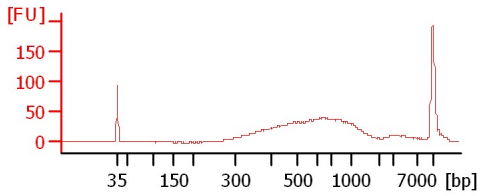
Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\dsDNA\High Sensitivity DNA.xsy
Assay Class: High Sensitivity DNA Assay
Version: 1.03
Assay Comments: Copyright © 2003-2010 Agilent Technologies

Chip Information:

Chip Lot #:
Reagent Kit Lot #:
Chip Comments:

sample 1

sample 2



Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-07\2018-03-07_002.xad

Created: 3/7/2018 2:35:49 PM
Modified: 3/7/2018 3:15:58 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
sample 1		<input type="checkbox"/>	✓			
sample 2		<input type="checkbox"/>	✓			
sample 3		<input type="checkbox"/>				
sample 4		<input type="checkbox"/>				
sample 5		<input type="checkbox"/>				
sample 6		<input type="checkbox"/>				
sample 7		<input type="checkbox"/>				
sample 8		<input type="checkbox"/>				
sample 9		<input type="checkbox"/>				
sample 10		<input type="checkbox"/>				
sample 11		<input type="checkbox"/>				
Ladder		<input type="checkbox"/>	✓			

Chip Lot #

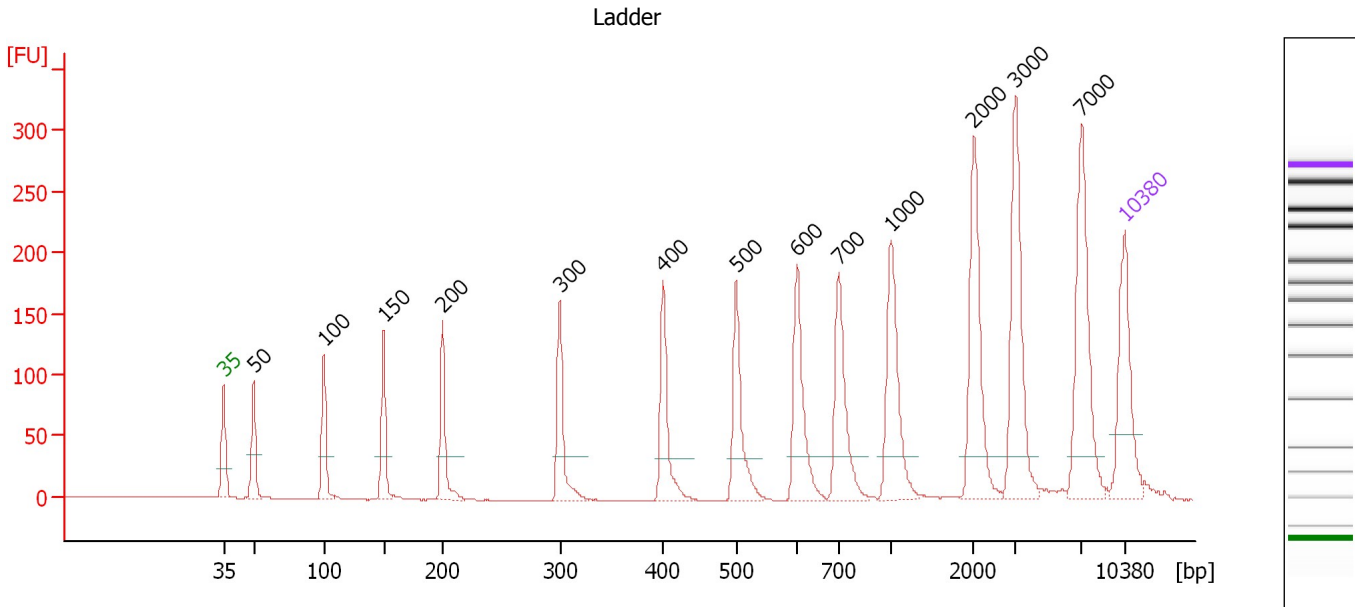
Reagent Kit Lot #

Chip Comments :

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-07\2018-03-07_002.xad

Created: 3/7/2018 2:35:49 PM
 Modified: 3/7/2018 3:15:58 PM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.4

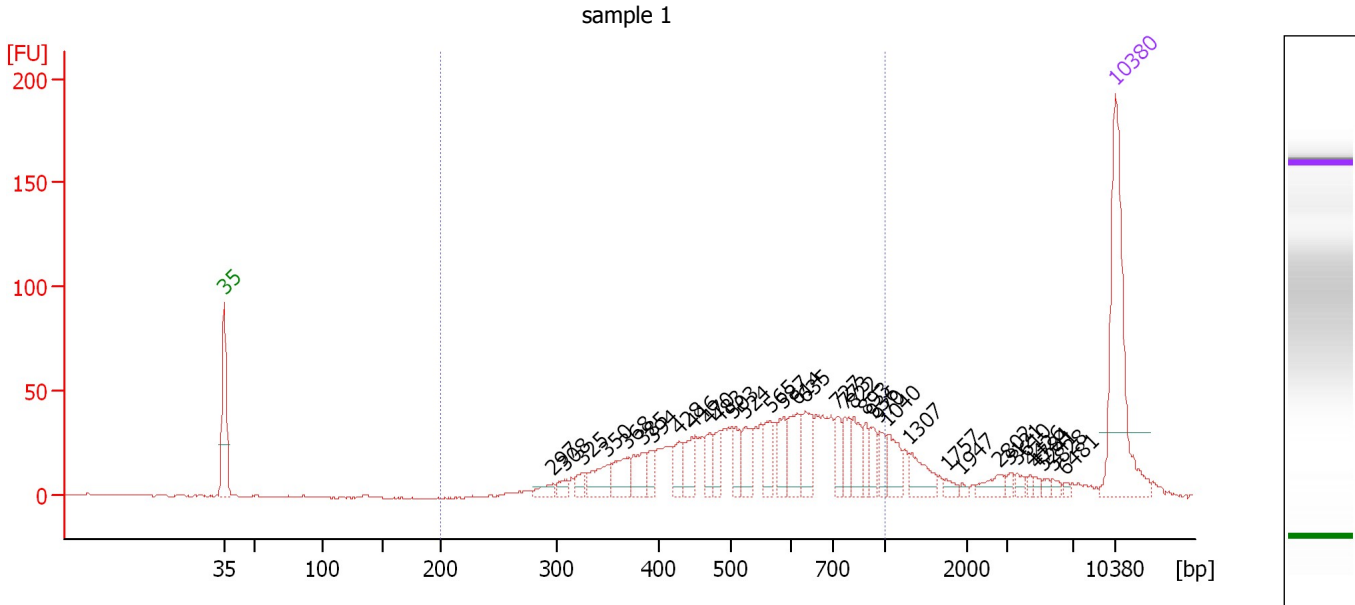
Peak table for Ladder

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	50	150.00	4,545.5	Ladder Peak	45.32
3	100	150.00	2,272.7	Ladder Peak	50.79
4	150	150.00	1,515.2	Ladder Peak	55.43
5	200	150.00	1,136.4	Ladder Peak	59.98
6	300	150.00	757.6	Ladder Peak	69.09
7	400	150.00	568.2	Ladder Peak	77.13
8	500	150.00	454.5	Ladder Peak	82.80
9	600	150.00	378.8	Ladder Peak	87.53
10	700	150.00	324.7	Ladder Peak	90.76
11	1,000	150.00	227.3	Ladder Peak	94.86
12	2,000	150.00	113.6	Ladder Peak	101.28
13	3,000	150.00	75.8	Ladder Peak	104.51
14	7,000	150.00	32.5	Ladder Peak	109.64
15	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-07\2018-03-07_002.xad

Created: 3/7/2018 2:35:49 PM
 Modified: 3/7/2018 3:15:58 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : sample 1

Number of peaks found: 35 Corr. Area 1: 896.2
 Noise: 0.3

Peak table for sample 1 : sample 1


Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	297	8.16	41.6		68.80
3	308	6.53	32.1		69.77
4	325	8.06	37.6		71.11
5	350	20.30	88.0		73.08
6	368	21.51	88.5		74.59
7	385	17.50	68.9		75.93
8	394	9.26	35.6		76.64
9	428	14.13	50.0		78.73
10	446	16.39	55.7		79.74
11	470	11.77	38.0		81.08
12	483	13.80	43.3		81.83
13	503	12.57	37.8		82.96
14	524	19.08	55.2		83.93
15	565	15.86	42.5		85.90
16	587	15.97	41.2		86.90
17	614	25.63	63.2		87.99
18	635	21.61	51.6		88.66
19	727	13.19	27.5		91.13
20	773	14.43	28.3		91.76
21	822	16.58	30.5		92.43
22	893	9.33	15.8		93.39
23	936	10.11	16.4		93.98
24	970	9.32	14.6		94.44
25	1,040	15.88	23.1		95.11

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-07\2018-03-07_002.xad


Created: 3/7/2018 2:35:49 PM
 Modified: 3/7/2018 3:15:58 PM

Electropherogram Summary Continued ...

... Peak table for sample 1 : sample 1

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	1,307	15.42	17.9		96.83
27	1,757	3.66	3.2		99.72
28	1,947	1.58	1.2		100.94
29	2,802	7.77	4.2		103.87
30	3,121	2.64	1.3		104.66
31	3,610	3.45	1.4		105.29
32	4,426	2.20	0.8		106.34
33	4,784	1.89	0.6		106.80
34	5,241	2.39	0.7		107.39
35	5,828	2.50	0.7		108.14
36	6,481	1.52	0.4		108.98
37	 10,380	75.00	10.9	Upper Marker	113.00

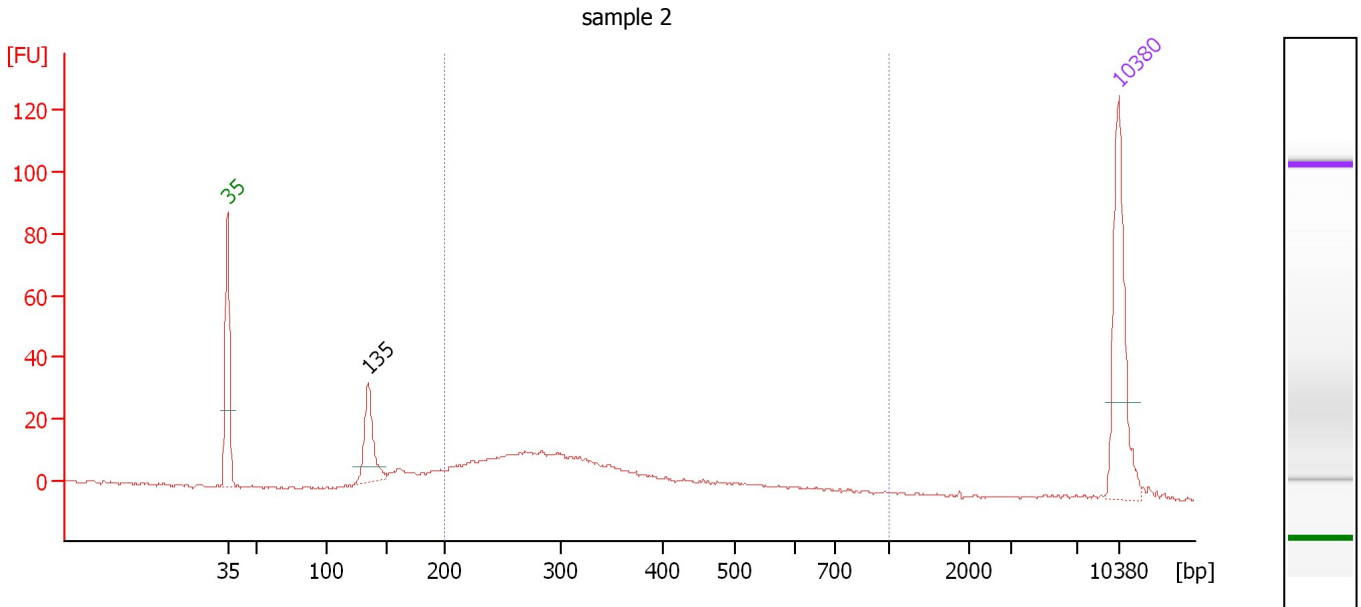
Region table for sample 1 : sample 1

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	570	896.2	447.36	1,352.9	 82	30.3

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-07\2018-03-07_002.xad

Created: 3/7/2018 2:35:49 PM
 Modified: 3/7/2018 3:15:58 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : sample 2

Number of peaks found: 1 Corr. Area 1: 261.6
 Noise: 0.5

Peak table for sample 2 : sample 2

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	135	63.32	709.6		54.05
3	10,380	75.00	10.9	Upper Marker	113.00

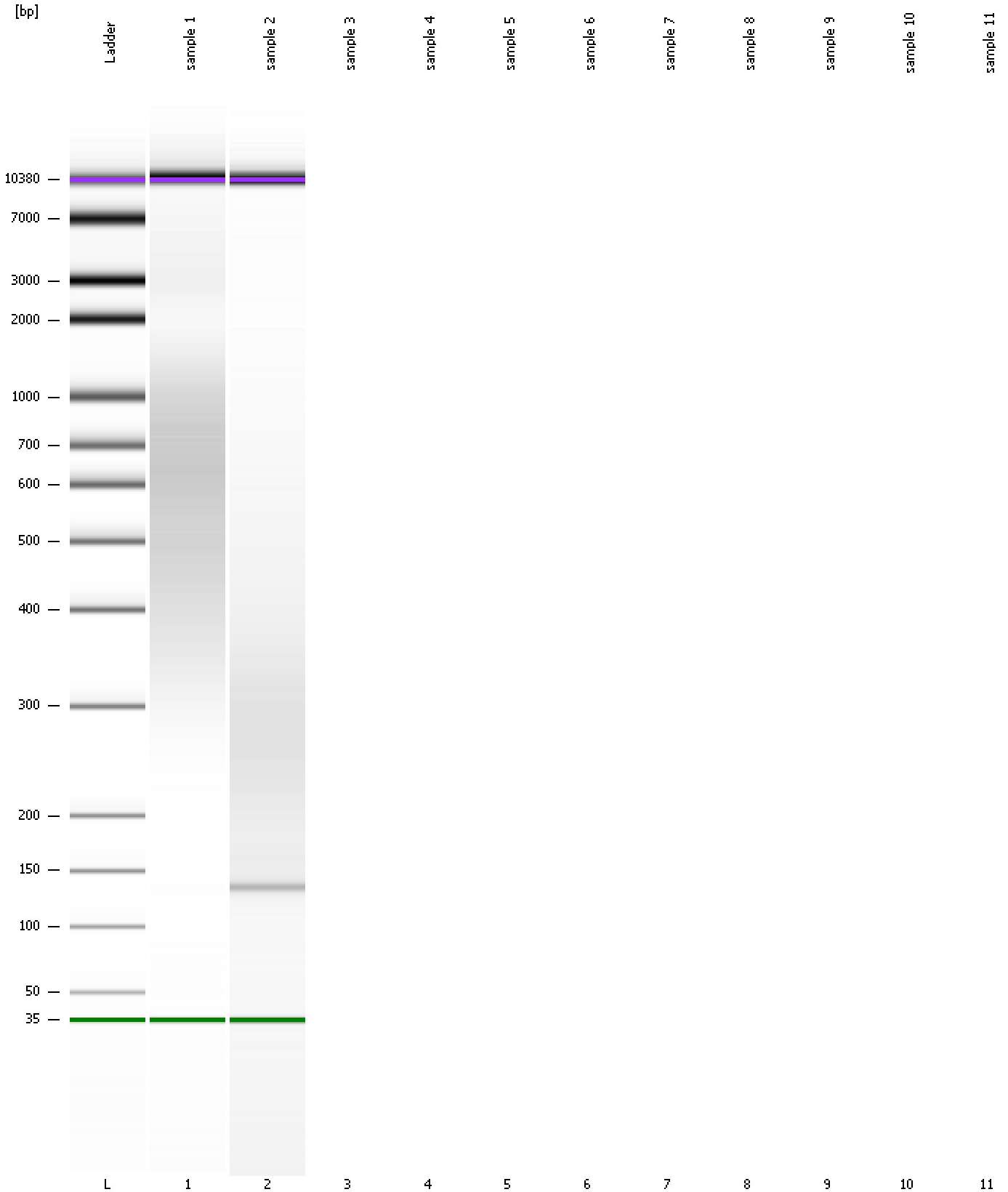
Region table for sample 2 : sample 2

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	329	261.6	254.26	1,299.8	73	32.3

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-07\2018-03-07_002.xad

Created: 3/7/2018 2:35:49 PM
Modified: 3/7/2018 3:15:58 PM

Gel Image



Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-07\2018-03-07_002.xad

Created: 3/7/2018 2:35:49 PM
Modified: 3/7/2018 3:15:58 PM

Invalid Samples

Sample 3 has not been run, no results available.

Sample 4 has not been run, no results available.

Sample 5 has not been run, no results available.

Sample 6 has not been run, no results available.

Sample 7 has not been run, no results available.

Sample 8 has not been run, no results available.

Sample 9 has not been run, no results available.

Sample 10 has not been run, no results available.

Sample 11 has not been run, no results available.