

### Data from Smear Analysis Table

1. Ensure to export smear data for the main peak and for the LMS for ALL wells in rows ABC&D of the assay plate
2. Enter the smear data into the table below. If the SOP plate layout was strictly followed, the calculations tab will show automatically calculated average, standard deviation and %CV (%RSD) for the two smear sets.
3. Pass/Fail will be automatically determined using the parameters entered in the Calculations tab.

Well #	Well	Sample ID	Range	ng/uL	% Total	nmole/L	Avg. Size	%CV
A1	A1	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN
A1	A1	Blank	4800 nt to 13000 nt	0.0114	14.1	0.0037	9597	3.84
A2	A2	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN
A2	A2	Blank	4800 nt to 13000 nt	0.0094	53.6	0.003	9733	2.16
A3	A3	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN
A3	A3	Blank	4800 nt to 13000 nt	0.0028	0.1	0.0009	9401	0.33
A4	A4	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN
A4	A4	Blank	4800 nt to 13000 nt	0.0132	1.6	0.0044	9330	3.99
A5	A5	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN
A5	A5	Blank	4800 nt to 13000 nt	0.0284	28.2	0.0104	8534	1.12
A6	A6	Blank	3700 nt to 4800 nt	0.0055	2.8	0.0046	3769	0.49
A6	A6	Blank	4800 nt to 13000 nt	0.0463	23.6	0.0168	8586	9.8
A7	A7	Blank	3700 nt to 4800 nt	0.0692	0.9	0.0568	3802	2.82
A7	A7	Blank	4800 nt to 13000 nt	0.3611	4.9	0.129	8731	12.17
A8	A8	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN
A8	A8	Blank	4800 nt to 13000 nt	0.0114	99.8	0.0038	9416	5.51
A9	A9	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN
A9	A9	Blank	4800 nt to 13000 nt	0.0018	10.4	0.0006	8785	6.73
A10	A10	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN
A10	A10	Blank	4800 nt to 13000 nt	0.0759	1.6	0.0271	8728	5.33
A11	A11	FL7649-2110003	3700 nt to 4800 nt	93.2228	65.4	72.6053	4006	3.89
A11	A11	FL7649-2110003	4800 nt to 13000 nt	4.3764	3.1	1.967	6942	25.16
A12	A12	RM-E8493-21080	3700 nt to 4800 nt	85.2611	57.3	66.5558	3997	3.81
A12	A12	RM-E8493-21080	4800 nt to 13000 nt	3.6783	2.5	1.5588	7362	26.05
B1	B1	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN
B1	B1	Blank	4800 nt to 13000 nt	0.0035	7.8	0.0012	9317	4.66
B2	B2	Blank	3700 nt to 4800 nt	0.0044	0	0.0035	3849	1.31
B2	B2	Blank	4800 nt to 13000 nt	0.3856	3.7	0.1417	8487	11.19
B3	B3	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN
B3	B3	Blank	4800 nt to 13000 nt	0.0116	31.8	0.0041	8795	7.75
B4	B4	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN
B4	B4	Blank	4800 nt to 13000 nt	0.0007	2.6	0.0002	9674	0.12
B5	B5	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN
B5	B5	Blank	4800 nt to 13000 nt	0.0004	38.8	0.0001	8615	0.14
B6	B6	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN

B6	B6	Blank	4800 nt to 13000 nt	0.0051	98.3	0.0018	8971	6.34
B7	B7	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN
B7	B7	Blank	4800 nt to 13000 nt	0.023	28.3	0.0081	8797	5
B8	B8	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN
B8	B8	Blank	4800 nt to 13000 nt	0.0038	97	0.0014	8606	5.35
B9	B9	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN
B9	B9	Blank	4800 nt to 13000 nt	0.0102	100	0.0036	8732	7.41
B10	B10	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN
B10	B10	Blank	4800 nt to 13000 nt	0.007	5.4	0.0026	8591	6.52
B11	B11	FL7649-2110003	3700 nt to 4800 nt	109.302	65	85.3384	3996	3.93
B11	B11	FL7649-2110003	4800 nt to 13000 nt	4.3746	2.6	2.1057	6481	22.9
B12	B12	RM-E8493-21080	3700 nt to 4800 nt	79.996	57.2	62.3833	4001	3.83
B12	B12	RM-E8493-21080	4800 nt to 13000 nt	2.9128	2.1	1.2827	7085	26.06
C1	C1	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN
C1	C1	Blank	4800 nt to 13000 nt	0.0065	79	0.0023	8752	2.85
C2	C2	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN
C2	C2	Blank	4800 nt to 13000 nt	0.0119	100	0.0041	9078	5.02
C3	C3	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN
C3	C3	Blank	4800 nt to 13000 nt	0.0057	83.5	0.002	8781	2.76
C4	C4	Blank	3700 nt to 4800 nt	0.0007	0.1	0.0006	3953	0.24
C4	C4	Blank	4800 nt to 13000 nt	0.0749	11.8	0.0287	8143	16.11
C5	C5	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN
C5	C5	Blank	4800 nt to 13000 nt	0.0072	80.4	0.0024	9187	4.33
C6	C6	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN
C6	C6	Blank	4800 nt to 13000 nt	0.0012	100	0.0004	10334	0.76
C7	C7	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN
C7	C7	Blank	4800 nt to 13000 nt	0.0092	73.3	0.0032	8941	2.82
C8	C8	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN
C8	C8	Blank	4800 nt to 13000 nt	0.0079	51.9	0.0026	9602	5.12
C9	C9	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN
C9	C9	Blank	4800 nt to 13000 nt	0.0046	1.9	0.0015	9863	1.36
C10	C10	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN
C10	C10	Blank	4800 nt to 13000 nt	0.0006	0.9	0.0002	9106	7.61
C11	C11	FL7649-2110003	3700 nt to 4800 nt	99.5541	63.1	77.891	3987	3.99
C11	C11	FL7649-2110003	4800 nt to 13000 nt	4.6061	2.9	2.1401	6715	24.47
C12	C12	RM-E8493-21080	3700 nt to 4800 nt	85.2878	55.6	66.6423	3993	3.84
C12	C12	RM-E8493-21080	4800 nt to 13000 nt	3.3277	2.2	1.4404	7208	27.39
D1	D1	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN
D1	D1	Blank	4800 nt to 13000 nt	0.0097	2.9	0.0034	9026	1.22
D2	D2	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN
D2	D2	Blank	4800 nt to 13000 nt	0.0911	8.7	0.0315	9016	2.57
D3	D3	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN
D3	D3	Blank	4800 nt to 13000 nt	0.0191	34.2	0.0068	8790	4.69
D4	D4	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN
D4	D4	Blank	4800 nt to 13000 nt	0.0035	55.3	0.0012	8702	0.82
D5	D5	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN
D5	D5	Blank	4800 nt to 13000 nt	0.001	100	0.0004	8320	0.26
D6	D6	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN
D6	D6	Blank	4800 nt to 13000 nt	0.0008	63.4	0.0003	8544	1.67
D7	D7	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN

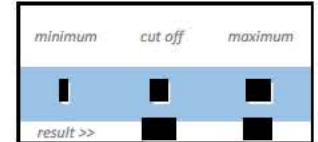
D7	D7	Blank	4800 nt to 13000 nt	0.0046	100	0.0016	8683	0.44
D8	D8	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN
D8	D8	Blank	4800 nt to 13000 nt	0.0089	100	0.0031	8824	2.61
D9	D9	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN
D9	D9	Blank	4800 nt to 13000 nt	0	0	0	9186	0.09
D10	D10	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN
D10	D10	Blank	4800 nt to 13000 nt	0.021	1.7	0.0082	7984	12.41
D11	D11	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN
D11	D11	Blank	4800 nt to 13000 nt	0.0101	99.1	0.0035	8952	4.68
D12	D12	Ladder						
D12								

Written By [Redacted]  
Authorised [Redacted]

Date Validated 10/06/2021  
Validation Due 10/06/2022  
Validation Status **Valid for use**  
Analyst [Redacted]  
Assay Date 1/11/2021

Revision no. 1  
LIMS number 33325

Pass/Fail Parameters



										% INTEGRITY SUMMARY				COMMENTS
REPLICATE	Well	Sample ID	Range	ng/uL	% Total	nmole/L	Avg. Size	%CV	Sample ID	Average	stdev	%CV		
1	A1	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN	Blank	0.00	0.00	#DIV/0!	FAIL	
2	B1	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN	Blank	0.00	0.00	#DIV/0!	FAIL	
3	C1	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN	Blank	0.00	0.00	#DIV/0!	FAIL	
1	A2	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN	Blank	0.00	0.00	#DIV/0!	FAIL	
2	B2	Blank	3700 nt to 4800 nt	0.0044	0	0.0035	3849	1.31	Blank	0.00	0.00	#DIV/0!	FAIL	
3	C2	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN	Blank	0.00	0.00	#DIV/0!	FAIL	
1	A3	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN	Blank	0.00	0.00	#DIV/0!	FAIL	
2	B3	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN	Blank	0.00	0.00	#DIV/0!	FAIL	
3	C3	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN	Blank	0.00	0.00	#DIV/0!	FAIL	
1	A4	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN	Blank	0.03	0.06	173.21	FAIL	
2	B4	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN	Blank	0.03	0.06	173.21	FAIL	
3	C4	Blank	3700 nt to 4800 nt	0.0007	0.1	0.0006	3953	0.24	Blank	0.03	0.06	173.21	FAIL	
1	A5	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN	Blank	0.00	0.00	#DIV/0!	FAIL	
2	B5	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN	Blank	0.00	0.00	#DIV/0!	FAIL	
3	C5	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN	Blank	0.00	0.00	#DIV/0!	FAIL	
1	A6	Blank	3700 nt to 4800 nt	0.0055	2.8	0.0046	3769	0.49	Blank	0.93	1.62	173.21	FAIL	
2	B6	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN	Blank	0.93	1.62	173.21	FAIL	
3	C6	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN	Blank	0.93	1.62	173.21	FAIL	
1	A7	Blank	3700 nt to 4800 nt	0.0692	0.9	0.0568	3802	2.82	Blank	0.30	0.52	173.21	FAIL	
2	B7	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN	Blank	0.30	0.52	173.21	FAIL	
3	C7	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN	Blank	0.30	0.52	173.21	FAIL	
1	A8	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN	Blank	0.00	0.00	#DIV/0!	FAIL	
2	B8	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN	Blank	0.00	0.00	#DIV/0!	FAIL	
3	C8	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN	Blank	0.00	0.00	#DIV/0!	FAIL	
1	A9	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN	Blank	0.00	0.00	#DIV/0!	FAIL	
2	B9	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN	Blank	0.00	0.00	#DIV/0!	FAIL	
3	C9	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN	Blank	0.00	0.00	#DIV/0!	FAIL	
1	A10	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN	Blank	0.00	0.00	#DIV/0!	FAIL	
2	B10	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN	Blank	0.00	0.00	#DIV/0!	FAIL	
3	C10	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN	Blank	0.00	0.00	#DIV/0!	FAIL	
1	A11	FL7649-2110003905	3700 nt to 4800 nt	93.2228	65.4	72.6053	4006	3.89	FL7649-2110003905	64.50	1.23	1.91	PASS	
2	B11	FL7649-2110003905	3700 nt to 4800 nt	109.302	65	85.3384	3996	3.93	FL7649-2110003905	64.50	1.23	1.91	PASS	
3	C11	FL7649-2110003905	3700 nt to 4800 nt	99.5541	63.1	77.891	3987	3.99	FL7649-2110003905	64.50	1.23	1.91	PASS	
1	A12	RM-E8493-2108002914	3700 nt to 4800 nt	85.2611	57.3	66.5558	3997	3.81	RM-E8493-2108002914	56.70	0.95	1.68	FAIL	
2	B12	RM-E8493-2108002914	3700 nt to 4800 nt	79.996	57.2	62.3833	4001	3.83	RM-E8493-2108002914	56.70	0.95	1.68	FAIL	
3	C12	RM-E8493-2108002914	3700 nt to 4800 nt	85.2878	55.6	66.6423	3993	3.84	RM-E8493-2108002914	56.70	0.95	1.68	FAIL	
1	D1	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN	Blank	0.00	0.00	#DIV/0!	FAIL	
2	D2	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN	Blank	0.00	0.00	#DIV/0!	FAIL	
3	D3	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN	Blank	0.00	0.00	#DIV/0!	FAIL	
1	D4	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN	Blank	0.00	0.00	#DIV/0!	FAIL	
2	D5	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN	Blank	0.00	0.00	#DIV/0!	FAIL	
3	D6	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN	Blank	0.00	0.00	#DIV/0!	FAIL	
1	D7	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN	Blank	0.00	0.00	#DIV/0!	FAIL	
2	D8	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN	Blank	0.00	0.00	#DIV/0!	FAIL	
3	D9	Blank	3700 nt to 4800 nt	0	0	NaN	NaN	NaN	Blank	0.00	0.00	#DIV/0!	FAIL	

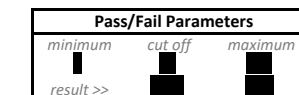
										% LATE MIGRATING SPECIES SUMMARY				COMMENTS
REPLICATE	Well	Sample ID	Range	ng/uL	% Total	nmole/L	Avg. Size	%CV	Sample ID	Average	stdev	%CV		
1	A1	Blank	4800 nt to 13000 nt	0.0114	14.1	0.0037	9597	3.84	Blank	33.63	39.41	117.19		
2	B1	Blank	4800 nt to 13000 nt	0.0035	7.8	0.0012	9317	4.66	Blank	33.63	39.41	117.19		
3	C1	Blank	4800 nt to 13000 nt	0.0065	79	0.0023	8752	2.85	Blank	33.63	39.41	117.19		
1	A2	Blank	4800 nt to 13000 nt	0.0094	53.6	0.003	9733	2.16	Blank	52.43	48.16	91.85		
2	B2	Blank	4800 nt to 13000 nt	0.3856	3.7	0.1417	8487	11.19	Blank	52.43	48.16	91.85		
3	C2	Blank	4800 nt to 13000 nt	0.0119	100	0.0041	9078	5.02	Blank	52.43	48.16	91.85		
1	A3	Blank	4800 nt to 13000 nt	0.0028	0.1	0.0009	9401	0.33	Blank	38.47	42.10	109.44		
2	B3	Blank	4800 nt to 13000 nt	0.0116	31.8	0.0041	8795	7.75	Blank	38.47	42.10	109.44		
3	C3	Blank	4800 nt to 13000 nt	0.0057	83.5	0.002	8781	2.76	Blank	38.47	42.10	109.44		

1	A4	Blank	4800 nt to 13000 nt	0.0132	1.6	0.0044	9330	3.99				
2	B4	Blank	4800 nt to 13000 nt	0.0007	2.6	0.0002	9674	0.12	Blank	5.33	5.62	105.42
3	C4	Blank	4800 nt to 13000 nt	0.0749	11.8	0.0287	8143	16.11				
1	A5	Blank	4800 nt to 13000 nt	0.0284	28.2	0.0104	8534	1.12				
2	B5	Blank	4800 nt to 13000 nt	0.0004	38.8	0.0001	8615	0.14	Blank	49.13	27.59	56.16
3	C5	Blank	4800 nt to 13000 nt	0.0072	80.4	0.0024	9187	4.33				
1	A6	Blank	4800 nt to 13000 nt	0.0463	23.6	0.0168	8586	9.8				
2	B6	Blank	4800 nt to 13000 nt	0.0051	98.3	0.0018	8971	6.34	Blank	73.97	43.63	58.98
3	C6	Blank	4800 nt to 13000 nt	0.0012	100	0.0004	10334	0.76				
1	A7	Blank	4800 nt to 13000 nt	0.3611	4.9	0.129	8731	12.17				
2	B7	Blank	4800 nt to 13000 nt	0.023	28.3	0.0081	8797	5	Blank	35.50	34.76	97.93
3	C7	Blank	4800 nt to 13000 nt	0.0092	73.3	0.0032	8941	2.82				
1	A8	Blank	4800 nt to 13000 nt	0.0114	99.8	0.0038	9416	5.51				
2	B8	Blank	4800 nt to 13000 nt	0.0038	97	0.0014	8606	5.35	Blank	82.90	26.88	32.43
3	C8	Blank	4800 nt to 13000 nt	0.0079	51.9	0.0026	9602	5.12				
1	A9	Blank	4800 nt to 13000 nt	0.0018	10.4	0.0006	8785	6.73				
2	B9	Blank	4800 nt to 13000 nt	0.0102	100	0.0036	8732	7.41	Blank	37.43	54.35	145.19
3	C9	Blank	4800 nt to 13000 nt	0.0046	1.9	0.0015	9863	1.36				
1	A10	Blank	4800 nt to 13000 nt	0.0759	1.6	0.0271	8728	5.33				
2	B10	Blank	4800 nt to 13000 nt	0.007	5.4	0.0026	8591	6.52	Blank	2.63	2.42	91.95
3	C10	Blank	4800 nt to 13000 nt	0.0006	0.9	0.0002	9106	7.61				
1	A11	FL7649-2110003905	4800 nt to 13000 nt	4.3764	3.1	1.967	6942	25.16				
2	B11	FL7649-2110003905	4800 nt to 13000 nt	4.3746	2.6	2.1057	6481	22.9	FL7649-2110003905	2.87	0.25	8.78
3	C11	FL7649-2110003905	4800 nt to 13000 nt	4.6061	2.9	2.1401	6715	24.47				
1	A12	RM-E8493-2108002914	4800 nt to 13000 nt	3.6783	2.5	1.5588	7362	26.05				
2	B12	RM-E8493-2108002914	4800 nt to 13000 nt	2.9128	2.1	1.2827	7085	26.06	RM-E8493-2108002914	2.27	0.21	9.18
3	C12	RM-E8493-2108002914	4800 nt to 13000 nt	3.3277	2.2	1.4404	7208	27.39				
1	D1	Blank	4800 nt to 13000 nt	0.0097	2.9	0.0034	9026	1.22				
2	D2	Blank	4800 nt to 13000 nt	0.0911	8.7	0.0315	9016	2.57	Blank	15.27	16.65	109.07
3	D3	Blank	4800 nt to 13000 nt	0.0191	34.2	0.0068	8790	4.69				
1	D4	Blank	4800 nt to 13000 nt	0.0035	55.3	0.0012	8702	0.82				
2	D5	Blank	4800 nt to 13000 nt	0.001	100	0.0004	8320	0.26	Blank	72.90	23.82	32.67
3	D6	Blank	4800 nt to 13000 nt	0.0008	63.4	0.0003	8544	1.67				
1	D7	Blank	4800 nt to 13000 nt	0.0046	100	0.0016	8683	0.44				
2	D8	Blank	4800 nt to 13000 nt	0.0089	100	0.0031	8824	2.61	Blank	66.67	57.74	86.60
3	D9	Blank	4800 nt to 13000 nt	0	0	0	9186	0.09				

This tab is only to be used if a replace needs to be excluded from the analysis.

Enter raw data directly into this table. All averages/ pass fail will be calculated automatically using the pass/fail parameters entered in the Calculations tab.

REPLICATE	Well	Sample ID	Range	ng/uL	% Total	nmole/L	Avg. Size	%CV	% INTEGRITY SUMMARY				COMMENTS	
									Sample ID	Average	stdev	%CV		
1									0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
2									0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
3									0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
1									0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
2									0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
3									0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
1									0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
2									0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
3									0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
1									0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
2									0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
3									0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	

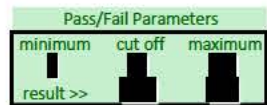


REPLICATE	Well	Sample ID	Range	ng/uL	% Total	nmole/L	Avg. Size	%CV	% LATE MIGRATING SPECIES SUMMARY				COMMENTS
									Sample ID	Average	stdev	%CV	
1									0	#DIV/0!	#DIV/0!	#DIV/0!	
2									0	#DIV/0!	#DIV/0!	#DIV/0!	
3									0	#DIV/0!	#DIV/0!	#DIV/0!	
1									0	#DIV/0!	#DIV/0!	#DIV/0!	
2									0	#DIV/0!	#DIV/0!	#DIV/0!	
3									0	#DIV/0!	#DIV/0!	#DIV/0!	
1									0	#DIV/0!	#DIV/0!	#DIV/0!	
2									0	#DIV/0!	#DIV/0!	#DIV/0!	
3									0	#DIV/0!	#DIV/0!	#DIV/0!	
1									0	#DIV/0!	#DIV/0!	#DIV/0!	
2									0	#DIV/0!	#DIV/0!	#DIV/0!	
3									0	#DIV/0!	#DIV/0!	#DIV/0!	



VALIDATION DATA

Table with 8 columns: Well, Sample ID, Range, ng/uL, % Total, nmole/L, Avg. Size, %CV. Contains 95 rows of validation data.



RESULTS FOR VALIDATION DATA

Table with 15 columns: REPLICATE, Well, Sample ID, Range, ng/uL, % Total, nmole/L, Avg. Size, %CV, % INTEGRITY SUMMARY (Sample ID, Average, stdev, %CV), and % LATE MIGRATING SPECIES SUMMARY (Sample ID, Average, stdev, %CV). Contains 195 rows of results.



D1	sample13-rep1	5389 nt to 13000 nt	2.15	13	6.8	4079	0.86
D2	sample13-rep2	3500 nt to 5389 nt	65.5	131	25.5	3757	4.6
D2	sample13-rep2	5389 nt to 13000 nt	2.65	14	7.8	9444	1.06
D3	sample13-rep3	3500 nt to 5389 nt	66	132	35.5	4079	6.6
D3	sample13-rep3	5389 nt to 13000 nt	3.15	15	8.8	4079	1.26
D4	sample14-rep1	3500 nt to 5389 nt	70	140	45.5	4079	8.6
D4	sample14-rep1	5389 nt to 13000 nt	3.65	14	9.8	4079	1.46
D5	sample14-rep2	3500 nt to 5389 nt	70.5	141	55.5	5026	10.6
D5	sample14-rep2	5389 nt to 13000 nt	4.15	15	10.8	6983	1.66
D6	sample14-rep3	3500 nt to 5389 nt	71	142	65.5	5240	12.6
D6	sample14-rep3	5389 nt to 13000 nt	4.65	16	11.8	6440	1.86
D7	sample15-rep1	3500 nt to 5389 nt	75	150	75.5	5240	14.6
D7	sample15-rep1	5389 nt to 13000 nt	5.15	15	12.8	6440	2.06
D8	sample15-rep2	3500 nt to 5389 nt	75.5	151	85.5	4079	16.6
D8	sample15-rep2	5389 nt to 13000 nt	5.65	16	13.8	4079	2.26
D9	sample15-rep3	3500 nt to 5389 nt	76	152	95.5	3757	18.6
D9	sample15-rep3	5389 nt to 13000 nt	6.15	17	14.8	9444	2.46
D10	Blank-rep1	3500 nt to 5389 nt	80	160	105.5	4079	20.6
D10	Blank-rep1	5389 nt to 13000 nt	6.65	16	15.8	4079	2.66
D11	Blank2-rep1	3500 nt to 5389 nt	80.5	161	115.5	4079	22.6
D11	Blank2-rep1	5389 nt to 13000 nt	7.15	17	16.8	4079	2.86
D12	Ladder	3500 nt to 5389 nt	81	162	125.5	5026	24.6
D12	Ladder	5389 nt to 13000 nt	7.65	18	17.8	6983	3.06

3	C8	sample8-rep3	5389 nt to 13000 nt	5.1	10	12.7	5684	2.04				
1	A9	sample9-rep1	5389 nt to 13000 nt	4.5	9	11.5	6916	1.8	sample9-rep1	10.00	1.00	10.00
2	B9	sample9-rep2	5389 nt to 13000 nt	5.05	10	12.6	4079	2.02				
3	C9	sample9-rep3	5389 nt to 13000 nt	5.6	11	13.7	5530	2.24				
1	A10	sample10-rep1	5389 nt to 13000 nt	5	10	12.5	6870	2	sample10-rep1	11.00	1.00	9.09
2	B10	sample10-rep2	5389 nt to 13000 nt	5.55	11	13.6	6807	2.22				
3	C10	sample10-rep3	5389 nt to 13000 nt	6.1	12	14.7	6551	2.44				
1	A11	sample11-rep1	5389 nt to 13000 nt	5.5	11	13.5	7320	2.2	sample11-rep1	12.00	1.00	8.33
2	B11	sample11-rep2	5389 nt to 13000 nt	6.05	12	14.6	7000	2.42				
3	C11	sample11-rep3	5389 nt to 13000 nt	6.6	13	15.7	6970	2.64				
1	A12	sample12-rep1	5389 nt to 13000 nt	6	12	14.5	7135	2.4	sample12-rep1	13.00	1.00	7.69
2	B12	sample12-rep2	5389 nt to 13000 nt	6.55	13	15.6	7094	2.62				
3	C12	sample12-rep3	5389 nt to 13000 nt	7.1	14	16.7	6740	2.84				
1	D1	sample13-rep1	5389 nt to 13000 nt	2.15	13	6.8	4079	0.86	sample13-rep1	14.00	1.00	7.14
2	D2	sample13-rep2	5389 nt to 13000 nt	2.65	14	7.8	9444	1.06				
3	D3	sample13-rep3	5389 nt to 13000 nt	3.15	15	8.8	4079	1.26				
1	D4	sample14-rep1	5389 nt to 13000 nt	3.65	14	9.8	4079	1.46	sample14-rep1	15.00	1.00	6.67
2	D5	sample14-rep2	5389 nt to 13000 nt	4.15	15	10.8	6983	1.66				
3	D6	sample14-rep3	5389 nt to 13000 nt	4.65	16	11.8	6440	1.86				
1	D7	sample15-rep1	5389 nt to 13000 nt	5.15	15	12.8	6440	2.06	sample15-rep1	16.00	1.00	6.25
2	D8	sample15-rep2	5389 nt to 13000 nt	5.65	16	13.8	4079	2.26				
3	D9	sample15-rep3	5389 nt to 13000 nt	6.15	17	14.8	9444	2.46				

