



Analytical Summary Report

Analysis Method: ASTMD422

Reviewed By: JIGNESH

Parameter: Grain Size - Sieve

Supervisor Review By: apatel

Run Number: LB90285

BalanceID: WC SC-4

Dry Start Date: 09/25/2017 15:40

Dry End Date: 09/27/2017 08:37

In Bal Check1: 1.00

Out Bal Check1: 1.00

In Bal Check100: 100.00

Out Bal Check100: 100.00

Seq	Lab ID	Client ID	Dish Weight (g)	Dish + Sample Weight (g)	Net Sample Weight (g)	Dish + Dry Sample Weight (g)	Dry Sample Weight (g)	Anal Date	Anal Time
1	I5360-02	SP-1-A-GRAB	240.22	542.75	302.53	521.12	280.90	09/26/2017	16:15
2	I5360-06	SP-1-C-GRAB	235.44	538.09	302.65	517.30	281.86	09/26/2017	16:20
3	I5360-10	SP-1-E-GRAB	235.19	485.42	250.23	465.86	230.67	09/26/2017	17:28
4	I5360-14	SP-1-G-GRAB	120.02	414.01	293.99	395.69	275.67	09/26/2017	17:30
5	I5362-02	SP-2-A-GRAB	122.62	367.03	244.41	295.34	172.72	09/26/2017	17:32
6	I5362-06	SP-2-C-GRAB	263.03	448.25	185.22	448.25	185.22	09/26/2017	17:37
7	I5363-02	SP-3-A-GRAB	283.80	583.14	299.34	557.91	274.11	09/26/2017	17:40
8	I5363-06	SP-3-C-GRAB	102.92	389.75	286.83	365.82	262.90	09/26/2017	17:45
9	I5363-10	SP-3-E-GRAB	110.44	421.01	310.57	358.53	248.09	09/26/2017	17:49
10	I5363-14	SP-3-G-GRAB	112.22	409.01	296.79	384.72	272.50	09/26/2017	18:00

Analytical Summary Report

LabID	Sieve	Size (mm)	Weight Retained (g)	Cumulative Weight (g)	ON (g)	Passed (g)	%Passing
I5360-02	3/8 (In)	9.5	57.08	57.08	280.90	223.82	79.68
I5360-02	#4	4.75	39.69	96.77	223.82	184.13	82.27
I5360-02	#10	2	39.34	136.11	184.13	144.79	78.63
I5360-02	#20	0.85	34.06	170.17	144.79	110.73	76.48
I5360-02	#40	0.425	37	207.17	110.73	73.73	66.59
I5360-02	#60	0.25	35.48	242.65	73.73	38.25	51.88
I5360-02	#100	0.15	23.05	265.70	38.25	15.20	39.74
I5360-02	#140	0.105	5.94	271.64	15.20	9.26	60.92
I5360-02	#200	0.075	3.64	275.28	9.26	5.62	60.69
I5360-02	Pan		4.73	280.01			

Analytical Summary Report

LabID	Sieve	Size (mm)	Weight Retained (g)	Cumulative Weight (g)	ON (g)	Passed (g)	%Passing
I5360-06	3/8 (In)	9.5	49.26	49.26	281.86	232.60	82.52
I5360-06	#4	4.75	40.08	89.34	232.60	192.52	82.77
I5360-06	#10	2	38.72	128.06	192.52	153.80	79.89
I5360-06	#20	0.85	38.37	166.43	153.80	115.43	75.05
I5360-06	#40	0.425	39.45	205.88	115.43	75.98	65.82
I5360-06	#60	0.25	34.61	240.49	75.98	41.37	54.45
I5360-06	#100	0.15	23.89	264.38	41.37	17.48	42.25
I5360-06	#140	0.105	6.67	271.05	17.48	10.81	61.84
I5360-06	#200	0.075	4.45	275.50	10.81	6.36	58.83
I5360-06	Pan		5.3	280.80			

Analytical Summary Report

LabID	Sieve	Size (mm)	Weight Retained (g)	Cumulative Weight (g)	ON (g)	Passed (g)	%Passing
I5360-10	3/8 (In)	9.5	49.36	49.36	230.67	181.31	78.60
I5360-10	#4	4.75	33.69	83.05	181.31	147.62	81.42
I5360-10	#10	2	27.69	110.74	147.62	119.93	81.24
I5360-10	#20	0.85	26.1	136.84	119.93	93.83	78.24
I5360-10	#40	0.425	29.21	166.05	93.83	64.62	68.87
I5360-10	#60	0.25	28.35	194.40	64.62	36.27	56.13
I5360-10	#100	0.15	19.45	213.85	36.27	16.82	46.37
I5360-10	#140	0.105	5.69	219.54	16.82	11.13	66.17
I5360-10	#200	0.075	3.98	223.52	11.13	7.15	64.24
I5360-10	Pan		5.7	229.22			

Analytical Summary Report

LabID	Sieve	Size (mm)	Weight Retained (g)	Cumulative Weight (g)	ON (g)	Passed (g)	%Passing
I5360-14	3/8 (In)	9.5	40.01	40.01	275.67	235.66	85.49
I5360-14	#4	4.75	33.5	73.51	235.66	202.16	85.78
I5360-14	#10	2	35.06	108.57	202.16	167.10	82.66
I5360-14	#20	0.85	37.19	145.76	167.10	129.91	77.74
I5360-14	#40	0.425	41.95	187.71	129.91	87.96	67.71
I5360-14	#60	0.25	38.8	226.51	87.96	49.16	55.89
I5360-14	#100	0.15	26.53	253.04	49.16	22.63	46.03
I5360-14	#140	0.105	8.28	261.32	22.63	14.35	63.41
I5360-14	#200	0.075	6.29	267.61	14.35	8.06	56.17
I5360-14	Pan		7.25	274.86			

Analytical Summary Report

LabID	Sieve	Size (mm)	Weight Retained (g)	Cumulative Weight (g)	ON (g)	Passed (g)	%Passing
I5362-02	3/8 (In)	9.5	101.31	101.31	172.72	71.41	41.34
I5362-02	#4	4.75	23.35	124.66	71.41	48.06	67.30
I5362-02	#10	2	14.11	138.77	48.06	33.95	70.64
I5362-02	#20	0.85	8.07	146.84	33.95	25.88	76.23
I5362-02	#40	0.425	4.99	151.83	25.88	20.89	80.72
I5362-02	#60	0.25	3.86	155.69	20.89	17.03	81.52
I5362-02	#100	0.15	3.12	158.81	17.03	13.91	81.68
I5362-02	#140	0.105	1.77	160.58	13.91	12.14	87.28
I5362-02	#200	0.075	2.86	163.44	12.14	9.28	76.44
I5362-02	Pan		8.06	171.50			

Analytical Summary Report

LabID	Sieve	Size (mm)	Weight Retained (g)	Cumulative Weight (g)	ON (g)	Passed (g)	%Passing
I5362-06	3/8 (In)	9.5	97.4	97.40	185.22	87.82	47.41
I5362-06	#4	4.75	26.31	123.71	87.82	61.51	70.04
I5362-06	#10	2	22.3	146.01	61.51	39.21	63.75
I5362-06	#20	0.85	14.75	160.76	39.21	24.46	62.38
I5362-06	#40	0.425	8.15	168.91	24.46	16.31	66.68
I5362-06	#60	0.25	5.54	174.45	16.31	10.77	66.03
I5362-06	#100	0.15	3.99	178.44	10.77	6.78	62.95
I5362-06	#140	0.105	1.55	179.99	6.78	5.23	77.14
I5362-06	#200	0.075	1.31	181.30	5.23	3.92	74.95
I5362-06	Pan		3.43	184.73			

Analytical Summary Report

LabID	Sieve	Size (mm)	Weight Retained (g)	Cumulative Weight (g)	ON (g)	Passed (g)	%Passing
I5363-02	3/8 (In)	9.5	60.32	60.32	274.11	213.79	77.99
I5363-02	#4	4.75	36.07	96.39	213.79	177.72	83.13
I5363-02	#10	2	40.91	137.30	177.72	136.81	76.98
I5363-02	#20	0.85	42.84	180.14	136.81	93.97	68.69
I5363-02	#40	0.425	35.09	215.23	93.97	58.88	62.66
I5363-02	#60	0.25	25.4	240.63	58.88	33.48	56.86
I5363-02	#100	0.15	15.2	255.83	33.48	18.28	54.60
I5363-02	#140	0.105	5.29	261.12	18.28	12.99	71.06
I5363-02	#200	0.075	4.51	265.63	12.99	8.48	65.28
I5363-02	Pan		7.6	273.23			

Analytical Summary Report

LabID	Sieve	Size (mm)	Weight Retained (g)	Cumulative Weight (g)	ON (g)	Passed (g)	%Passing
I5363-06	3/8 (In)	9.5	39.87	39.87	262.90	223.03	84.83
I5363-06	#4	4.75	31.03	70.90	223.03	192.00	86.09
I5363-06	#10	2	41.66	112.56	192.00	150.34	78.30
I5363-06	#20	0.85	43.19	155.75	150.34	107.15	71.27
I5363-06	#40	0.425	37.36	193.11	107.15	69.79	65.13
I5363-06	#60	0.25	27.17	220.28	69.79	42.62	61.07
I5363-06	#100	0.15	17.4	237.68	42.62	25.22	59.17
I5363-06	#140	0.105	6.61	244.29	25.22	18.61	73.79
I5363-06	#200	0.075	5.35	249.64	18.61	13.26	71.25
I5363-06	Pan		13.05	262.69			

Analytical Summary Report

LabID	Sieve	Size (mm)	Weight Retained (g)	Cumulative Weight (g)	ON (g)	Passed (g)	%Passing
I5363-10	3/8 (In)	9.5	60.3	60.30	248.09	187.79	75.69
I5363-10	#4	4.75	29.1	89.40	187.79	158.69	84.50
I5363-10	#10	2	31.54	120.94	158.69	127.15	80.12
I5363-10	#20	0.85	37.5	158.44	127.15	89.65	70.51
I5363-10	#40	0.425	33.22	191.66	89.65	56.43	62.94
I5363-10	#60	0.25	24.76	216.42	56.43	31.67	56.12
I5363-10	#100	0.15	15.23	231.65	31.67	16.44	51.91
I5363-10	#140	0.105	5.55	237.20	16.44	10.89	66.24
I5363-10	#200	0.075	4.43	241.63	10.89	6.46	59.32
I5363-10	Pan		6.33	247.96			

Analytical Summary Report

LabID	Sieve	Size (mm)	Weight Retained (g)	Cumulative Weight (g)	ON (g)	Passed (g)	%Passing
I5363-14	3/8 (In)	9.5	71.22	71.22	272.50	201.28	73.86
I5363-14	#4	4.75	28.52	99.74	201.28	172.76	85.83
I5363-14	#10	2	36.16	135.90	172.76	136.60	79.07
I5363-14	#20	0.85	40.17	176.07	136.60	96.43	70.59
I5363-14	#40	0.425	35.31	211.38	96.43	61.12	63.38
I5363-14	#60	0.25	25.92	237.30	61.12	35.20	57.59
I5363-14	#100	0.15	17.06	254.36	35.20	18.14	51.53
I5363-14	#140	0.105	5.67	260.03	18.14	12.47	68.74
I5363-14	#200	0.075	4.71	264.74	12.47	7.76	62.23
I5363-14	Pan		7.07	271.81			

1390285

WORKLIST(Hardcopy Internal Chain)

WorkList Name : G R I5360

WorkList ID : 103239

Date : 9/25/2017 10:40:31 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
09/28/2017	Solid	I5360-02- E	Grain Size - Sieve	Cool 4 deg C	UNIO02	H23	SP-1-A-GRAB	09/21/2017	ASTMD422
09/28/2017	Solid	I5360-06- E	Grain Size - Sieve	Cool 4 deg C	UNIO02	H23	SP-1-C-GRAB	09/21/2017	ASTMD422
09/28/2017	Solid	I5360-10- E	Grain Size - Sieve	Cool 4 deg C	UNIO02	H23	SP-1-E-GRAB	09/21/2017	ASTMD422
09/28/2017	Solid	I5360-14- E	Grain Size - Sieve	Cool 4 deg C	UNIO02	H23	SP-1-G-GRAB	09/21/2017	ASTMD422
09/28/2017	Solid	I5362-02- E	Grain Size - Sieve	Cool 4 deg C	UNIO02	H41	SP-2-A-GRAB	09/21/2017	ASTMD422
09/28/2017	Solid	I5362-06- E	Grain Size - Sieve	Cool 4 deg C	UNIO02	H41	SP-2-C-GRAB	09/21/2017	ASTMD422
09/28/2017	Solid	I5363-02- E	Grain Size - Sieve	Cool 4 deg C	UNIO02	H33	SP-3-A-GRAB	09/21/2017	ASTMD422
09/28/2017	Solid	I5363-06- E	Grain Size - Sieve	Cool 4 deg C	UNIO02	H33	SP-3-C-GRAB	09/21/2017	ASTMD422
09/28/2017	Solid	I5363-10- E	Grain Size - Sieve	Cool 4 deg C	UNIO02	H33	SP-3-E-GRAB	09/21/2017	ASTMD422
09/28/2017	Solid	I5363-14- E	Grain Size - Sieve	Cool 4 deg C	UNIO02	H33	SP-3-G-GRAB	09/21/2017	ASTMD422

Date/Time 09/25/17 11:00 AM
 Received by: 31
 Relinquished by: CP

Date/Time 09/23/17 6:00 PM
 Received by: CP
 Relinquished by: 31