

Particle Size Analysis

Pipette Method

Column Header Details

+1.0 mm Fraction Weight by Sieve Size Analysis in wt% (+1 mm)

+0.5mm Fraction Weight by Sieve Size Analysis in wt% (+0.5mm)

+0.250mm Fraction Weight in Sieve Size in wt% (+0.250mm)

+0.106mm Fraction Weight in Sieve Size in wt% (+0.106mm)

+0.063mm Fraction Weight by Sieve Size Analysis in wt% (+0.063mm)

Sample Number	+1 mm wt%	+0.5mm wt%	+0.250 mm wt%	+0.106 mm wt%	+0.063 mm wt%
SSC0219	<0.1	<0.1	1.6	16.7	6.9
AER22TS-2002(-2mm)	3.6	4.8	8.6	9.7	4.0
AER22TS-2003(-2mm)	1.6	4.4	4.8	3.3	0.8
AER22TS-2004(-2mm)	3.9	3.1	5.3	6.9	2.8
AER22TS-2006(-2mm)	2.0	2.4	5.0	6.8	2.4
AER22TS-2007(-2mm)	3.2	2.8	5.0	5.8	2.0
AER22TS-2008(-2mm)	2.9	2.8	4.7	5.9	2.0
AER22TS-2009(-2mm)	3.9	3.0	4.2	3.5	1.4
AER22TS-2010(-2mm)	3.4	4.0	6.8	7.7	3.0
AER22TS-2011(-2mm)	1.5	2.0	4.3	5.1	1.7
AER22TS-2012(-2mm)	0.5	0.3	0.2	0.1	0.0
AER22TS-2013(-2mm)	1.5	2.4	4.8	5.2	1.9
AER22TS-2014(-2mm)	0.9	1.6	2.7	4.0	2.3
AER22TS-2016(-2mm)	3.1	2.8	3.8	3.5	1.6
AER22TS-2017(-2mm)	1.7	3.3	7.7	11.5	5.0
AER22TS-2018(-2mm)	3.2	5.5	12.1	13.9	5.2
AER22TS-2019(-2mm)	3.5	3.1	5.9	8.1	3.1
AER22TS-2020(-2mm)	0.4	1.5	3.4	4.4	2.1
AER22TS-2022(-2mm)	0.3	0.5	2.3	12.3	9.0
AER22TS-2023(-2mm)	3.4	6.1	13.5	16.3	7.3
SSC0219	<0.1	0.1	1.7	16.6	7.4
AER22TS-2024(-2mm)	1.8	4.8	15.4	20.4	7.4
AER22TS-2025(-2mm)	0.5	0.8	2.0	6.4	6.8
AER22TS-2026(-2mm)	1.4	3.1	9.7	13.5	6.9
AER22TS-2027(-2mm)	1.4	2.8	8.8	12.0	5.0
AER22TS-2028(-2mm)	2.1	4.7	12.0	16.9	8.4
AER22TS-2030(-2mm)	2.6	4.5	9.7	13.1	5.4
AER22TS-2031(-2mm)	1.8	4.1	9.6	14.1	7.7
AER22TS-2032(-2mm)	0.7	1.8	6.6	20.5	9.2
AER22TS-2033(-2mm)	3.7	5.6	12.2	17.1	6.9
AER22TS-2035(-2mm)	1.2	2.6	9.5	8.6	5.8
AER22TS-2036(-2mm)	1.6	4.9	11.3	15.2	7.9
AER22TS-2037(-2mm)	2.3	4.2	10.3	13.7	7.3

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Sample Number	+1 mm wt%	+0.5mm wt%	+0.250 mm wt%	+0.106 mm wt%	+0.063 mm wt%
AER22TS-2038(-2mm)	1.7	3.2	9.0	12.8	6.2
AER22TS-2039(-2mm)	1.3	1.7	13.8	21.8	7.7
AER22TS-2040(-2mm)	0.2	1.1	13.0	32.8	11.4
AER22TS-2042(-2mm)	0.9	1.5	7.7	16.1	7.1
AER22TS-2043(-2mm)	1.6	1.8	8.0	14.1	6.4
AER22TS-2044(-2mm)	0.7	1.9	6.8	7.7	3.2
AER22TS-2040(-2MM) R	0.3	1.0	13.1	32.4	11.1
SSC0219	0.3	0.0	1.2	15.9	8.4
AER22TS-2045(-2mm)	N/R	N/R	N/R	N/R	N/R
AER22TS-2046(-2mm)	1.8	1.4	7.0	11.5	6.0
AER22TS-2047(-2mm)	0.3	1.6	21.1	36.1	6.0
AER22TS-2048(-2mm)	0.4	3.3	18.1	14.2	5.1
AER22TS-2049(-2mm)	1.5	2.1	8.8	13.3	6.0
AER22TS-2050(-2mm)	0.1	0.0	0.0	0.1	4.9
AER22TS-2051(-2mm)	1.1	2.2	7.6	11.5	4.9
AER22TS-2052(-2mm)	0.8	1.9	7.6	12.3	5.4
AER22TS-2054(-2mm)	0.8	1.7	8.3	13.8	5.4
AER22TS-2056(-2mm)	1.0	1.7	12.8	19.5	6.6
AER22TS-2057(-2mm)	3.4	3.7	13.3	17.9	7.1
AER22TS-2058(-2mm)	2.0	2.6	8.4	11.0	4.4
AER22TS-4001(-2mm)	3.9	4.3	6.3	7.1	2.5
AER22TS-4002(-2mm)	2.2	1.5	2.3	3.4	1.4
AER22TS-4003(-2mm)	2.1	1.8	3.0	5.2	2.0
AER22TS-4004(-2mm)	1.1	0.7	1.1	1.7	0.7
AER22TS-4005(-2mm)	N/R	N/R	N/R	N/R	N/R
AER22TS-4006(-2mm)	0.2	1.5	1.9	0.5	0.1
AER22TS-4007(-2mm)	2.2	5.8	2.8	2.1	0.6
SSC0219	<0.1	<0.1	1.4	15.8	8.1
AER22TS-4008(-2mm)	4.2	4.7	4.4	4.8	2.0
AER22TS-4010(-2mm)	0.4	0.6	0.7	0.4	0.1
AER22TS-4011(-2mm)	1.3	2.5	5.5	5.4	1.8
AER22TS-4012(-2mm)	0.4	0.7	1.0	1.3	0.6
AER22TS-4013(-2mm)	4.1	4.5	7.6	6.0	0.9
AER22TS-4014(-2mm)	2.5	5.0	7.2	5.7	2.1
AER22TS-4017(-2mm)	2.6	4.1	6.1	7.0	3.5
AER22TS-4018(-2mm)	3.9	4.9	6.7	7.6	3.7
AER22TS-4019(-2mm)	0.0	0.1	0.2	0.8	0.8
AER22TS-4020(-2mm)	0.5	0.9	1.5	3.0	3.7
AER22TS-4022(-2mm)	N/R	N/R	N/R	N/R	N/R

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Sample Number	+1 mm wt%	+0.5mm wt%	+0.250 mm wt%	+0.106 mm wt%	+0.063 mm wt%
AER22TS-4023(-2mm)	3.9	4.2	7.1	8.0	3.3
AER22TS-4024(-2mm)	2.2	4.9	8.9	8.1	3.7
AER22TS-4025(-2mm)	1.3	1.6	2.1	2.8	1.5
AER22TS-4026(-2mm)	6.8	4.3	4.9	5.7	2.9
AER22TS-4027(-2mm)	0.8	0.7	1.1	1.4	0.9
AER22TS-4028(-2mm)	1.1	2.0	3.0	4.1	2.0
AER22TS-4030(-2mm)	2.3	4.2	11.4	14.9	5.3
AER22TS-4027(-2MM) R	0.8	0.8	1.1	1.6	0.8
SSC0219	0.1	<0.1	1.5	15.5	8.3
AER22TS-4031(-2mm)	1.5	3.3	8.1	9.9	4.0
AER22TS-4032(-2mm)	1.4	3.6	9.3	12.8	5.7
AER22TS-4033(-2mm)	1.8	2.9	6.8	14.0	11.4
AER22TS-4035(-2mm)	1.2	3.8	10.0	17.0	9.4
AER22TS-4036(-2mm)	2.1	5.7	14.5	18.4	7.2
AER22TS-4037(-2mm)	4.1	4.0	11.4	17.1	7.5
AER22TS-4038(-2mm)	4.3	8.4	20.4	26.2	10.3
AER22TS-4039(-2mm)	1.6	5.0	13.0	20.9	10.0
AER22TS-4040(-2mm)	2.7	5.9	14.4	23.8	12.6
AER22TS-4042(-2mm)	2.3	7.5	20.6	28.3	11.1
AER22TS-4043(-2mm)	1.8	4.7	14.3	22.3	10.4
AER22TS-4044(-2mm)	1.6	2.4	4.7	6.2	8.7
AER22TS-4045(-2mm)	0.9	1.6	4.1	5.2	3.0
AER22TS-4046(-2mm)	1.7	4.8	12.0	17.2	8.5
AER22TS-4047(-2mm)	2.0	3.9	9.7	14.5	6.8
AER22TS-4048(-2mm)	3.4	6.9	17.2	23.4	8.5
AER22TS-4049(-2mm)	1.7	4.0	13.3	23.7	14.7
AER22TS-4050(-2mm)	7.0	10.8	17.6	26.6	12.3
AER22TS-4051(-2mm)	1.6	3.0	7.3	14.6	7.1
SSC0219	0.1	0.1	1.5	15.3	8.5
AER22TS-4052(-2mm)	2.8	5.5	13.3	16.9	7.2
AER22TS-4054(-2mm)	2.5	4.4	11.8	15.4	7.2
AER22TS-4056(-2mm)	0.1	1.6	12.6	31.3	19.4
AER22TS-4057(-2mm)	2.0	5.4	14.7	19.9	8.5
AER22TS-4058(-2mm)	2.7	3.9	11.2	16.6	7.5
AER22TS-4059(-2mm)	1.6	4.4	12.4	19.0	8.9
AER22TS-4060(-2mm)	2.6	4.3	11.4	15.3	7.2
AER22TS-4062(-2mm)	2.2	4.7	12.6	18.5	8.8
AER22TS-4063(-2mm)	1.5	5.1	14.5	16.8	8.3
AER22TS-4064(-2mm)	1.6	3.3	9.2	13.9	6.5

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Sample Number	+1 mm wt%	+0.5mm wt%	+0.250 mm wt%	+0.106 mm wt%	+0.063 mm wt%
AER22TS-4065(-2mm)	1.3	3.2	10.7	17.2	7.6
AER22TS-4067(-2mm)	1.2	4.9	12.9	17.3	7.6
AER22TS-4068(-2mm)	4.6	8.4	14.8	15.7	6.3
AER22TS-4070(-2mm)	1.5	3.6	9.5	12.6	5.7
AER22TS-4071(-2mm)	1.9	4.0	10.6	13.5	5.7
AER22TS-4072(-2mm)	1.4	3.6	9.3	11.8	6.0
AER22TS-4073(-2mm)	1.5	4.2	10.5	13.8	6.1
AER22TS-4074(-2mm)	2.0	3.6	9.7	14.5	6.7
AER22TS-4073(-2MM) R	1.7	4.5	10.5	13.6	6.1
SSC0219	<0.1	<0.1	1.4	15.3	9.1
AER22TS-4075(-2mm)	1.8	3.0	7.2	10.4	5.8
AER22TS-4076(-2mm)	2.1	4.5	11.5	16.0	7.1
AER22TS-4077(-2mm)	2.4	3.6	10.6	16.2	6.4
AER22TS-4078(-2mm)	2.8	5.3	11.6	14.7	7.0
AER22TS-4079(-2mm)	2.2	3.5	10.1	13.8	6.6
AER22TS-4080(-2mm)	2.3	4.5	11.0	15.2	6.6
AER22TS-4082(-2mm)	5.9	12.5	20.5	18.1	4.7
AER22TS-4083(-2mm)	4.6	6.3	15.8	19.9	7.8
AER22TS-4084(-2mm)	2.9	5.6	13.3	17.9	8.7
AER22TS-4085(-2mm)	1.6	3.2	5.8	9.5	5.0
AER22TS-4086(-2mm)	0.5	0.7	2.0	8.1	5.2
AER22TS-4087(-2mm)	1.3	2.7	6.1	11.3	5.2
AER22TS-4088(-2mm)	1.6	4.5	12.1	19.1	7.7
AER22TS-4089(-2mm)	1.2	2.2	5.7	16.7	6.8
AER22TS-4090(-2mm)	1.8	5.0	12.4	17.1	7.8
AER22TS-4091(-2mm)	0.1	0.2	0.5	3.0	9.9
AER22TS-4092(-2mm)	2.6	4.6	12.3	14.2	6.9
AER22TS-4092(-2mm) R	2.1	4.7	12.2	14.4	7.1

*NR= Insufficient sample.