Certificate of Sieve Calibration

Report Number: 00000 032216

Customer: XYZ Company

Wire Cloth Size Verification Report
Specification Data From ASTM E11-15

Selected Sieve Number:	**00000**
Date:	3/22/16
U.S. Standard Sieve Number:	6S
Technician:	Jane Smith
Openings Measured:	40
Wire Diameters Measured:	10

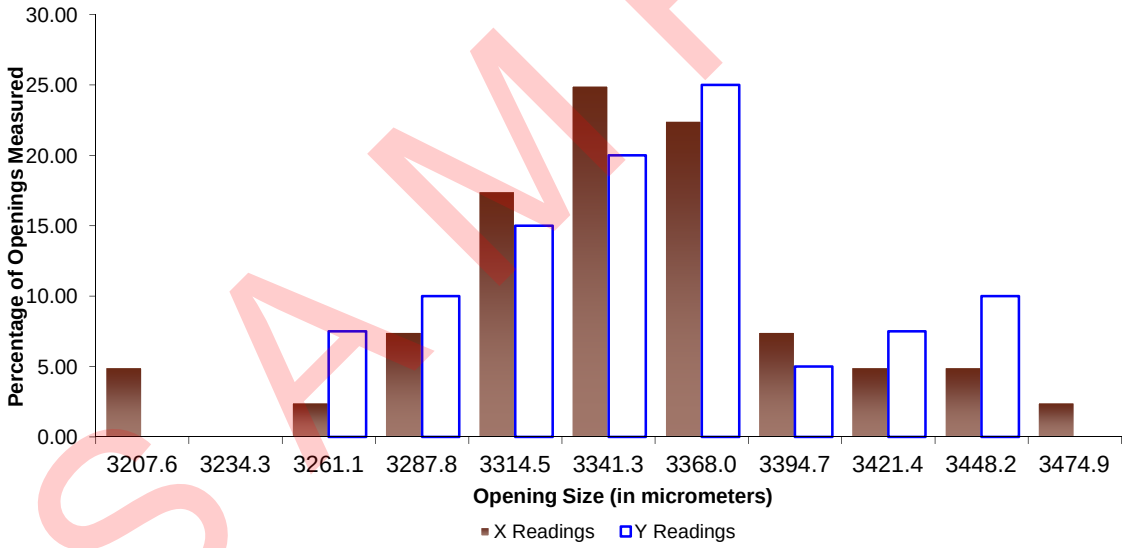
Nominal Opening	3350 µm
Average Opening Variation	±107.0 µm
Maximum Standard Deviation	+103.0 µm
Maximum Tolerance	3670 µm
Typical Wire Diameter	1.250 mm
Wire Diameter Tolerance	1.06 - 1.5 mm

Statistics and Specification

	X	Y
Mean (µm)	3333.83	3338.28
Standard Deviation (µm)	58.92	58.56
Minimum Reading (µm)	3207.60	3237.30
Maximum Reading (µm)	3474.90	3445.20
Range (µm)	267.30	207.90
Wire Diameter (mm)	1.215	1.227

Pass/Fail Status of Measured Openings

	X	Y
1. Does the average opening size pass the E-11 test?:	PASS	PASS
2. Does the sample pass the maximum opening size test for E-11?:	PASS	PASS
3. Does the sample pass the E-11 max. Standard Deviation test?:	PASS	PASS
4. Does the sample pass the wire diameter test?:	PASS	PASS



Measurement System Calibration and Traceability Statement

-This sieve/wire cloth has been inspected for compliance with all applicable specifications using an optical measurement system (image analyzer) per the current ASTM E-11 Standard Specification for Wire Cloth and Sieves for Testing Purposes.

-Calibration and gage stability analyses are performed daily.

-Measurements are traceable to the National Institute of Standards and Technology (NIST) via trace number 821/257908-97.

Comments: New Calibration
Previously Calibrated as Seleted Sieve # 00000

VWR International LLC, Radnor Corporate Center, Building One, Suite 200, 100 Matsonford Road Radnor, PA 19087
VWR International bvba/sprl, Haasrode Research Park Zone 2020, Geldenaaksebaan 464, 3001 Leuven, Belgium
http://www.vwr.com

Certificate of Sieve Calibration

Raw Data Readings

Opening Sizes (µm)

	X	Y		X	Y		X	Y
1)	3385.80	3237.30	41)	-	-	81)	-	-
2)	3326.40	3237.30	42)	-	-	82)	-	-
3)	3267.00	3237.30	43)	-	-	83)	-	-
4)	3326.40	3326.40	44)	-	-	84)	-	-
5)	3296.70	3356.10	45)	-	-	85)	-	-
6)	3267.00	3356.10	46)	-	-	86)	-	-
7)	3356.10	3356.10	47)	-	-	87)	-	-
8)	3296.70	3326.40	48)	-	-	88)	-	-
9)	3326.40	3296.70	49)	-	-	89)	-	-
10)	3296.70	3296.70	50)	-	-	90)	-	-
11)	3296.70	3326.40	51)	-	-	91)	-	-
12)	3326.40	3356.10	52)	-	-	92)	-	-
13)	3356.10	3267.00	53)	-	-	93)	-	-
14)	3296.70	3356.10	54)	-	-	94)	-	-
15)	3356.10	3356.10	55)	-	-	95)	-	-
16)	3356.10	3385.80	56)	-	-	96)	-	-
17)	3326.40	3356.10	57)	-	-	97)	-	-
18)	3356.10	3326.40	58)	-	-	98)	-	-
19)	3415.50	3445.20	59)	-	-	99)	-	-
20)	3326.40	3445.20	60)	-	-	100)	-	-
21)	3296.70	3445.20	61)	-	-			
22)	3296.70	3267.00	62)	-	-			
23)	3385.80	3356.10	63)	-	-			
24)	3356.10	3326.40	64)	-	-			
25)	3267.00	3385.80	65)	-	-			
26)	3445.20	3356.10	66)	-	-			
27)	3207.60	3445.20	67)	-	-			
28)	3237.30	3296.70	68)	-	-			
29)	3474.90	3296.70	69)	-	-			
30)	3207.60	3296.70	70)	-	-			
31)	3385.80	3267.00	71)	-	-			
32)	3326.40	3267.00	72)	-	-			
33)	3326.40	3296.70	73)	-	-			
34)	3356.10	3415.50	74)	-	-			
35)	3356.10	3415.50	75)	-	-			
36)	3356.10	3415.50	76)	-	-			
37)	3415.50	3326.40	77)	-	-			
38)	3326.40	3356.10	78)	-	-			
39)	3326.40	3326.40	79)	-	-			
40)	3445.20	3326.40	80)	-	-			

Wire Diameters (µm)

	X	Y
1)	1188.00	1188.00
2)	1188.00	1217.70
3)	1217.70	1247.40
4)	1217.70	1217.70
5)	1217.70	1247.40
6)	1247.40	1217.70
7)	1217.70	1217.70
8)	1217.70	1217.70
9)	1217.70	1247.40
10)	1217.70	1247.40

Customer: XYZ Company

Selected Sieve Number: 00000
Date: 3/22/16
U.S. Standard Sieve No.: 6S
Temperature: 67°F
Humidity: 39%

Summary Statistics

(in micrometers)	X	Y
Mean Opening Size:	3333.83	3338.28
Standard Deviation:	58.92	58.56
Minimum Opening Size:	3207.60	3237.30
Maximum Opening Size:	3474.90	3445.20
Range:	267.30	207.90

(in millimeters)	X	Y
Mean Wire Diameter:	1.215	1.227
Standard Deviation:	0.017	0.020
Minimum Wire Diameter:	1.188	1.188
Maximum Wire Diameter:	1.247	1.247
Range:	0.059	0.059

QC Technician: Jane Smith

Signature / Date

QC Supervisor: John Doe

Signature / Date

This Sieve CONFORMS with the ASTM E11 Specifications

Date:_____ **Checked:**_____

Serial No. 325SS8H000000
XXXX

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