

Analysis data

Author : Product :

File : CZ-110-1

Acquisition date : 2020/10/27 10:20 - 10:24

Instrument : DEVICE_TO_INITIALIZE

Operator :

Calibration : 0.19µm/pix

LUT : CallistoSizeLUTD150.olt

Threshold of particles : Dark Particles

Threshold : 150

Analyzed Particles : 18070

Particles by ml : 4258231.7

Weight parameter : Volume

Weight after calibration : Yes

Remove fixed particles : Yes

ORoughness Filter : 0.50

Syringe diameter (µm) : 6515.00

Cell thickness (µm) : 50.00

Initial quantity (ml) : 0.00

Priming with product : No

Analysis quantity (ml) : 0.50

Final quantity (ml) : 0.00

Volume sampling (%) : 1.00

Type of analysis : Distribution

Camera : No Calibration

White requested : 180

Gain : 5

Exposure : 0

Image period : 1000

Analysis data

Author : Product :

File : CZ-110-2

Acquisition date : 2020/10/27 10:25 - 10:30

Instrument : DEVICE_TO_INITIALIZE

Operator :

Calibration : 0.19µm/pix

LUT : CallistoSizeLUTD150.olt

Threshold of particles : Dark Particles

Threshold : 150

Analyzed Particles : 18175

Particles by ml : 4282975.1

Weight parameter : Volume

Weight after calibration : Yes

Remove fixed particles : Yes

ORoughness Filter : 0.50

Syringe diameter (µm) : 6515.00

Cell thickness (µm) : 50.00

Initial quantity (ml) : 0.00

Priming with product : No

Analysis quantity (ml) : 0.50

Final quantity (ml) : 0.00

Volume sampling (%) : 1.00

Type of analysis : Distribution

Camera : No Calibration

White requested : 180

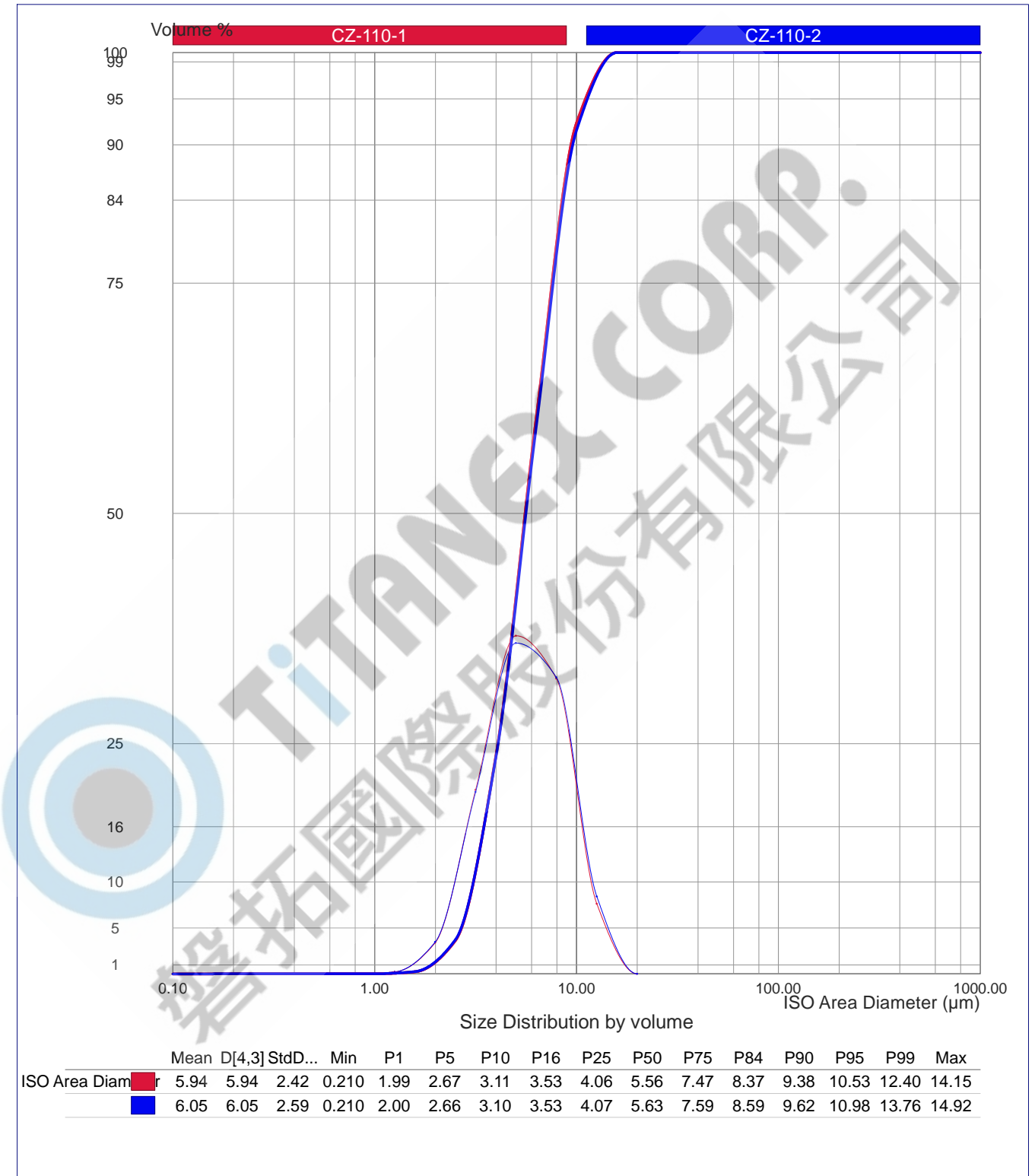
Gain : 5

Exposure : 0

Image period : 1000

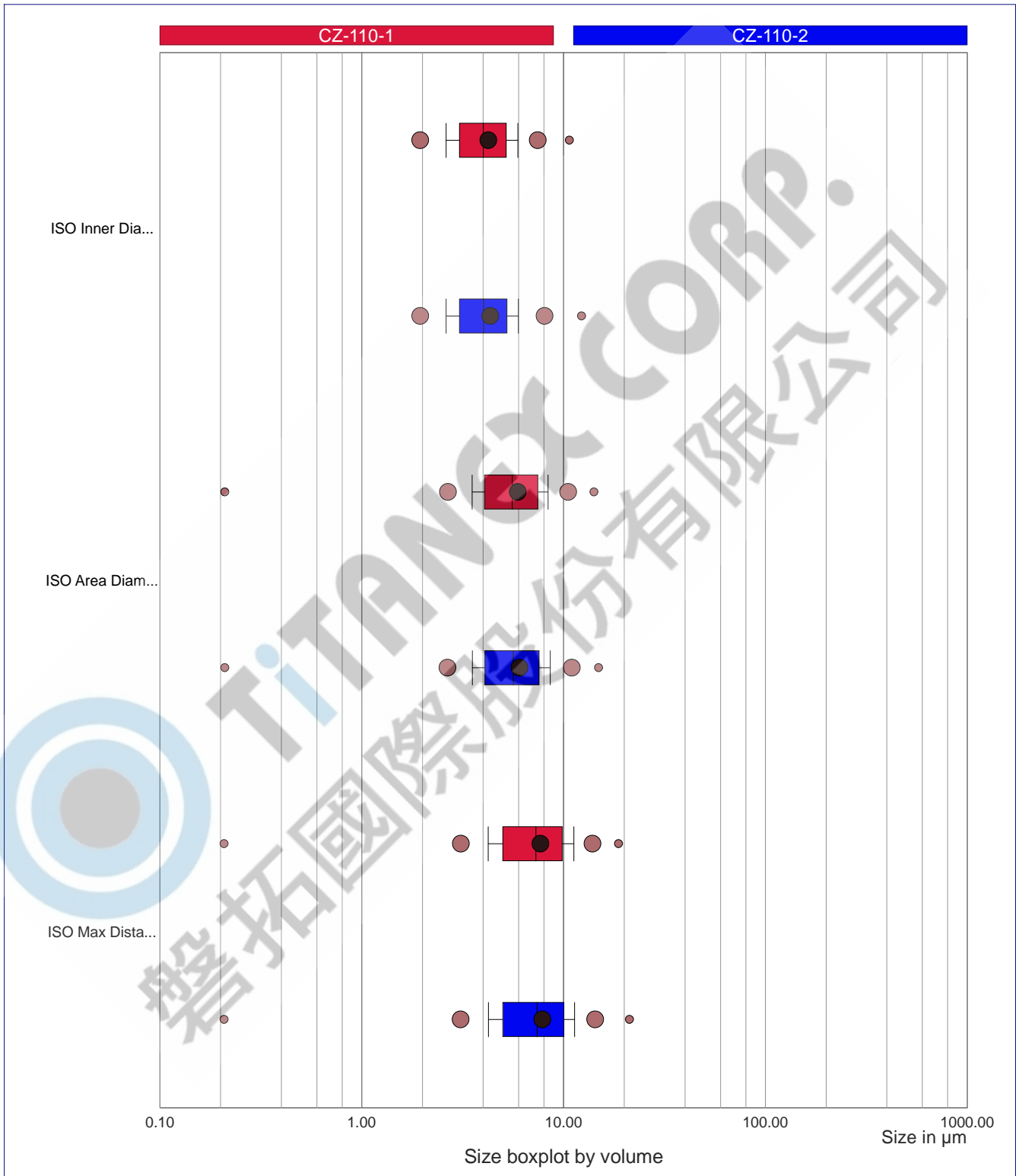
Size distribution

Author : Product :



Size boxplot

Author : Product :



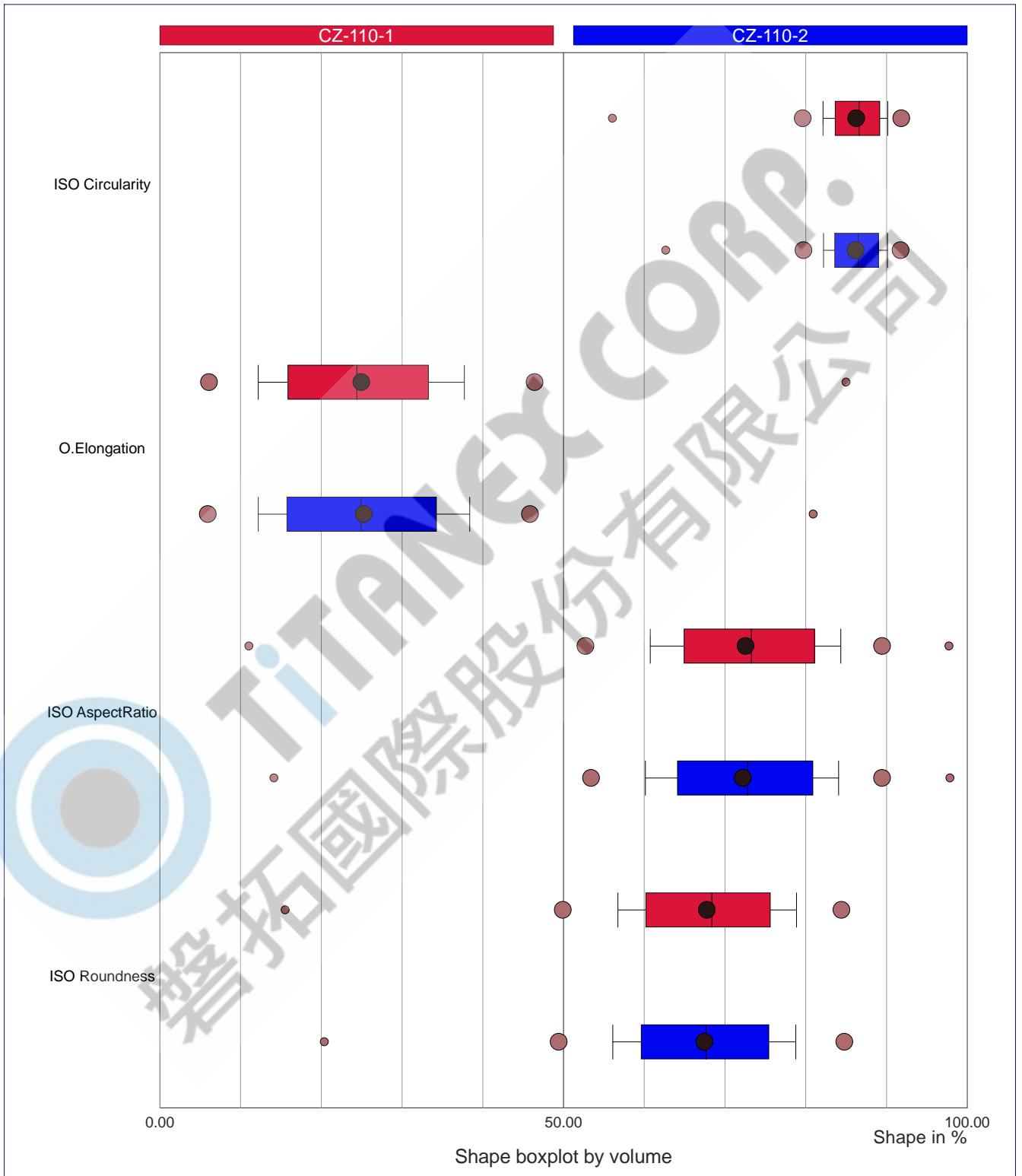
Size boxplot values

Author : Product :

| | Mean | D[4,3] | StdD... | Min | P1 | P5 | P10 | P16 | P25 | P50 | P75 | P84 | P90 | P95 | P99 | Max |
|----------------|------|--------|---------|-------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|
| ISO Inner Diam | 4.24 | 4.23 | 1.69 | 0.093 | 1.19 | 1.95 | 2.37 | 2.62 | 3.05 | 4.00 | 5.21 | 5.93 | 6.52 | 7.45 | 9.24 | 10.67 |
| ISO Area Diam | 5.94 | 5.94 | 2.42 | 0.210 | 1.99 | 2.67 | 3.11 | 3.53 | 4.06 | 5.56 | 7.47 | 8.37 | 9.38 | 10.53 | 12.40 | 14.15 |
| ISO Max Dista | 7.69 | 8.14 | 3.32 | 0.208 | 2.30 | 3.10 | 3.67 | 4.23 | 4.99 | 7.29 | 9.87 | 11.22 | 12.39 | 13.93 | 16.16 | 18.75 |

Shape boxplot

Author : Product :



Shape boxplot values

Author : Product :

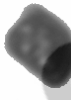


| | Mean | D[4,3] | StdD... | Min | P1 | P5 | P10 | P16 | P25 | P50 | P75 | P84 | P90 | P95 | P99 | Max |
|------------------|-------|--------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ISO Circularity | 0.862 | 0.881 | 0.038 | 0.560 | 0.771 | 0.796 | 0.809 | 0.821 | 0.836 | 0.866 | 0.892 | 0.901 | 0.909 | 0.918 | 0.932 | 1.00 |
| O.Elongation | 0.249 | 0.372 | 0.121 | 0.000 | 0.022 | 0.061 | 0.091 | 0.122 | 0.159 | 0.244 | 0.333 | 0.377 | 0.414 | 0.464 | 0.521 | 0.850 |
| ISO Aspect Ratio | 0.726 | 0.820 | 0.112 | 0.110 | 0.465 | 0.527 | 0.572 | 0.607 | 0.649 | 0.732 | 0.811 | 0.843 | 0.867 | 0.894 | 0.930 | 0.978 |
| ISO Roundness | 0.678 | 0.771 | 0.105 | 0.155 | 0.439 | 0.499 | 0.536 | 0.567 | 0.602 | 0.684 | 0.756 | 0.788 | 0.814 | 0.844 | 0.887 | 1.00 |

All particles

Author : Product :

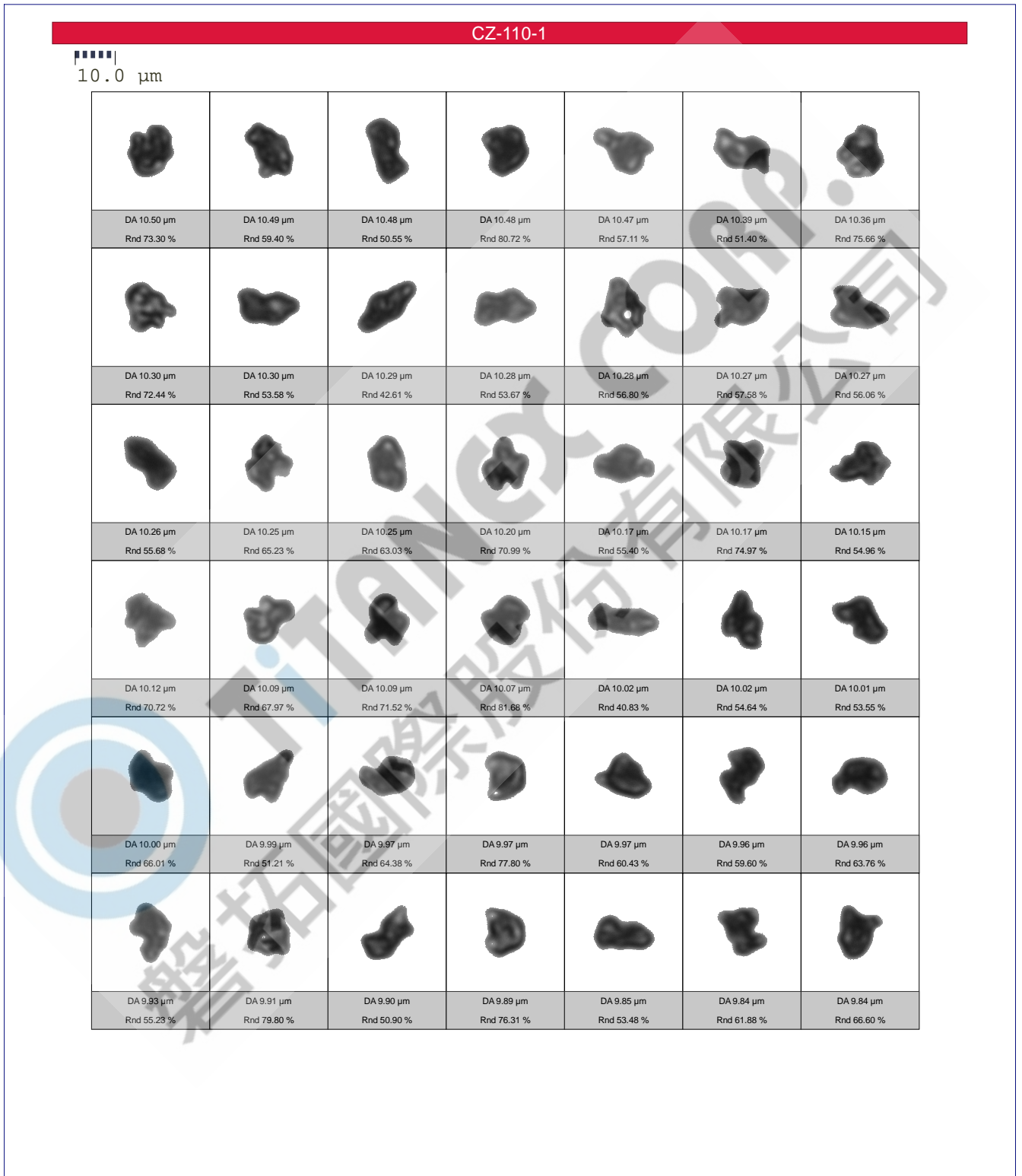
CZ-110-1

10.0 μm

| | | | | | | |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |  |  |  |  |
| DA 14.15 μm Rnd 68.85 % | DA 13.28 μm Rnd 60.82 % | DA 12.96 μm Rnd 70.76 % | DA 12.88 μm Rnd 49.92 % | DA 12.80 μm Rnd 80.83 % | DA 12.50 μm Rnd 67.68 % | DA 12.26 μm Rnd 78.96 % |
|  |  |  |  |  |  |  |
| DA 11.82 μm Rnd 45.21 % | DA 11.71 μm Rnd 69.35 % | DA 11.70 μm Rnd 78.48 % | DA 11.65 μm Rnd 63.34 % | DA 11.61 μm Rnd 69.21 % | DA 11.54 μm Rnd 73.65 % | DA 11.49 μm Rnd 66.23 % |
|  |  |  |  |  |  |  |
| DA 11.47 μm Rnd 66.36 % | DA 11.43 μm Rnd 59.87 % | DA 11.30 μm Rnd 52.32 % | DA 11.26 μm Rnd 74.51 % | DA 11.25 μm Rnd 66.42 % | DA 11.24 μm Rnd 61.21 % | DA 11.21 μm Rnd 74.36 % |
|  |  |  |  |  |  |  |
| DA 11.16 μm Rnd 74.10 % | DA 11.13 μm Rnd 72.68 % | DA 11.06 μm Rnd 71.56 % | DA 11.04 μm Rnd 53.73 % | DA 10.99 μm Rnd 65.36 % | DA 10.94 μm Rnd 45.42 % | DA 10.94 μm Rnd 76.16 % |
|  |  |  |  |  |  |  |
| DA 10.93 μm Rnd 69.01 % | DA 10.92 μm Rnd 48.92 % | DA 10.86 μm Rnd 73.98 % | DA 10.84 μm Rnd 54.64 % | DA 10.82 μm Rnd 75.32 % | DA 10.82 μm Rnd 72.05 % | DA 10.78 μm Rnd 57.43 % |
|  |  |  |  |  |  |  |
| DA 10.76 μm Rnd 79.95 % | DA 10.70 μm Rnd 63.10 % | DA 10.66 μm Rnd 70.33 % | DA 10.62 μm Rnd 49.60 % | DA 10.59 μm Rnd 61.68 % | DA 10.56 μm Rnd 70.18 % | DA 10.52 μm Rnd 68.52 % |

All particles

Author : Product :

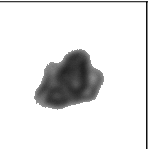
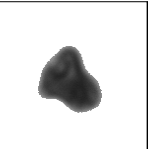
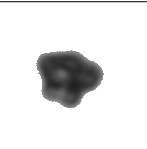








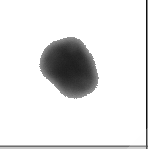



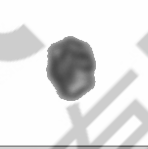



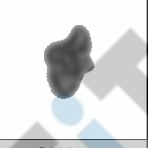








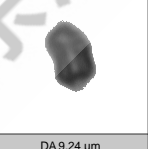
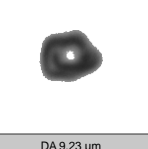


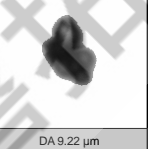
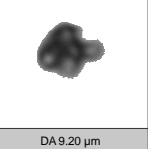

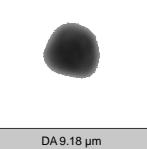



All particles

Author : Product :

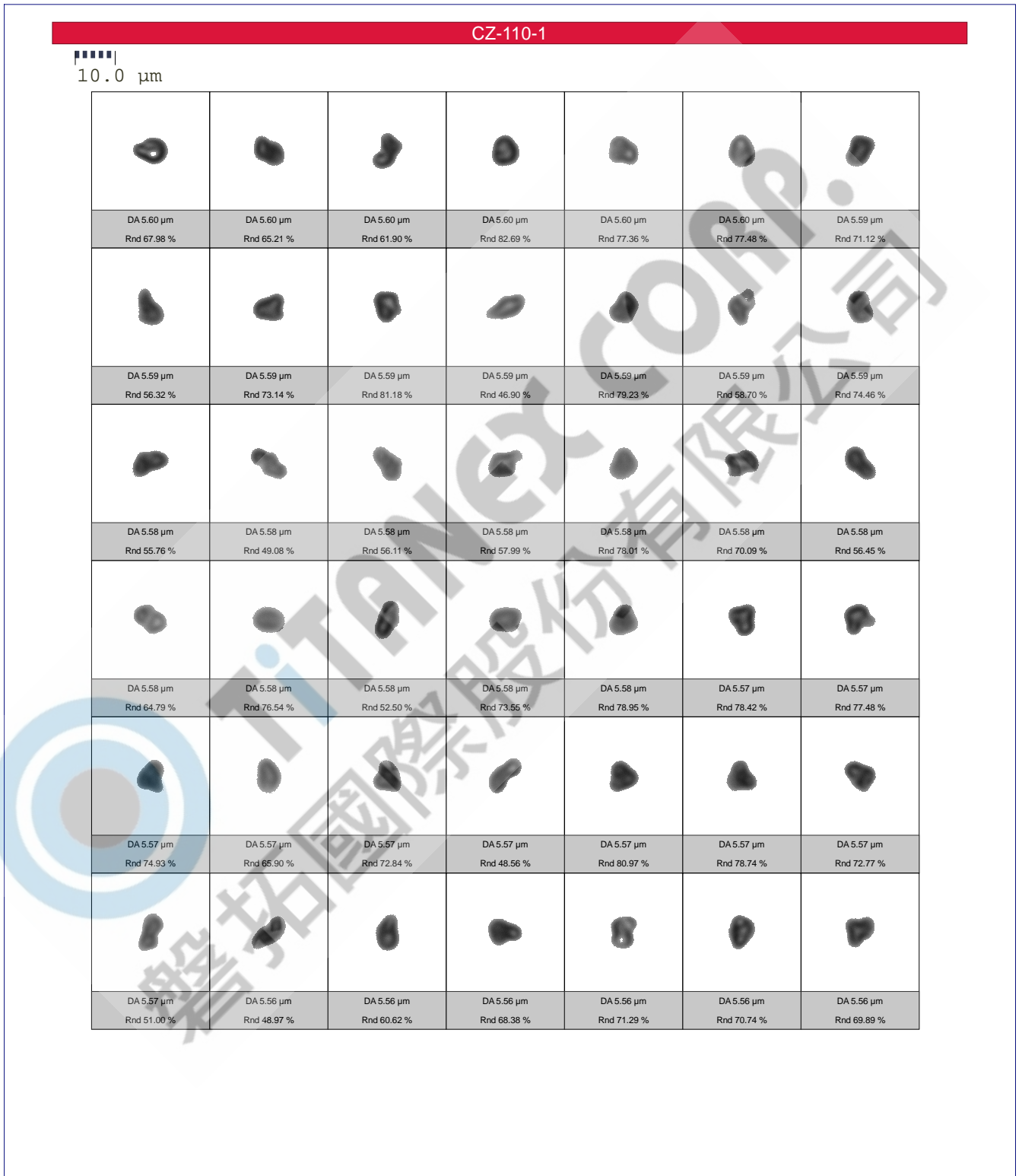
CZ-110-1

10.0 μm

| | | | | | | |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |  |  |  |  |
| DA 9.81 μm Rnd 66.58 % | DA 9.80 μm Rnd 73.39 % | DA 9.78 μm Rnd 73.16 % | DA 9.77 μm Rnd 67.27 % | DA 9.77 μm Rnd 66.50 % | DA 9.68 μm Rnd 63.11 % | DA 9.66 μm Rnd 61.15 % |
|  |  |  |  |  |  |  |
| DA 9.63 μm Rnd 60.32 % | DA 9.62 μm Rnd 67.99 % | DA 9.60 μm Rnd 44.72 % | DA 9.50 μm Rnd 55.63 % | DA 9.47 μm Rnd 72.83 % | DA 9.46 μm Rnd 48.53 % | DA 9.45 μm Rnd 59.51 % |
|  |  |  |  |  |  |  |
| DA 9.43 μm Rnd 79.00 % | DA 9.42 μm Rnd 69.29 % | DA 9.42 μm Rnd 55.34 % | DA 9.42 μm Rnd 58.91 % | DA 9.38 μm Rnd 75.61 % | DA 9.37 μm Rnd 61.50 % | DA 9.37 μm Rnd 71.03 % |
|  |  |  |  |  |  |  |
| DA 9.35 μm Rnd 75.15 % | DA 9.34 μm Rnd 54.11 % | DA 9.34 μm Rnd 77.66 % | DA 9.28 μm Rnd 55.97 % | DA 9.28 μm Rnd 59.95 % | DA 9.26 μm Rnd 48.38 % | DA 9.26 μm Rnd 60.78 % |
|  |  |  |  |  |  |  |
| DA 9.26 μm Rnd 46.25 % | DA 9.25 μm Rnd 59.30 % | DA 9.24 μm Rnd 63.57 % | DA 9.24 μm Rnd 58.74 % | DA 9.23 μm Rnd 76.38 % | DA 9.22 μm Rnd 64.98 % | DA 9.22 μm Rnd 70.45 % |
|  |  |  |  |  |  |  |
| DA 9.22 μm Rnd 60.99 % | DA 9.22 μm Rnd 58.56 % | DA 9.21 μm Rnd 49.51 % | DA 9.20 μm Rnd 65.34 % | DA 9.18 μm Rnd 57.50 % | DA 9.18 μm Rnd 87.94 % | DA 9.17 μm Rnd 58.90 % |

All particles

Author : Product :



All particles

Author : Product :

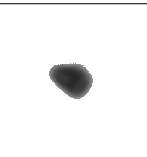
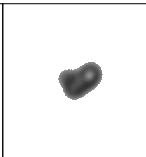
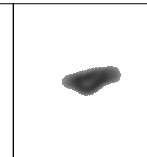
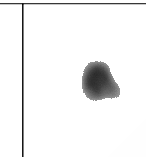
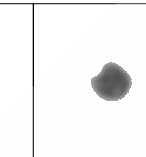
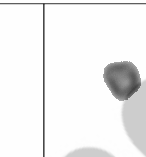
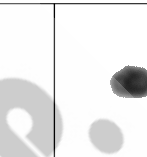


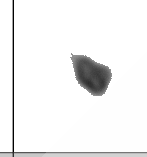
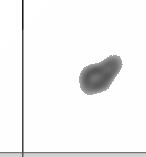
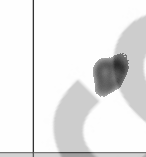

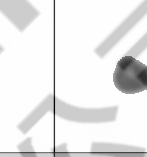




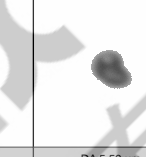
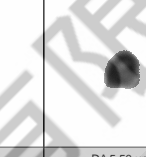



All particles

Author : Product :

CZ-110-1

10.0 μm

| | | | | | | |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|  |  |  |  |  |  |  |
| DA 5.52 μm Rnd 69.37 % | DA 5.52 μm Rnd 69.17 % | DA 5.52 μm Rnd 39.94 % | DA 5.52 μm Rnd 69.98 % | DA 5.51 μm Rnd 83.09 % | DA 5.51 μm Rnd 84.56 % | DA 5.51 μm Rnd 72.89 % |
|  |  |  |  |  |  |  |
| DA 5.51 μm Rnd 51.32 % | DA 5.51 μm Rnd 44.37 % | DA 5.51 μm Rnd 51.85 % | DA 5.51 μm Rnd 55.03 % | DA 5.51 μm Rnd 58.05 % | DA 5.51 μm Rnd 50.79 % | DA 5.51 μm Rnd 86.18 % |
|  |  |  |  |  |  |  |
| DA 5.51 μm Rnd 68.86 % | DA 5.51 μm Rnd 80.61 % | DA 5.50 μm Rnd 69.39 % | DA 5.50 μm Rnd 81.04 % | DA 5.50 μm Rnd 69.94 % | DA 5.50 μm Rnd 79.60 % | DA 5.50 μm Rnd 58.16 % |