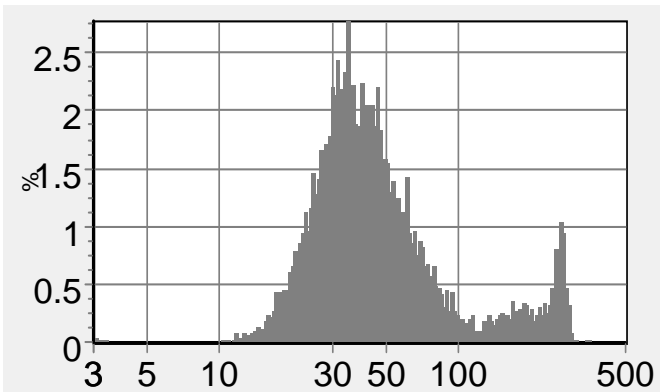
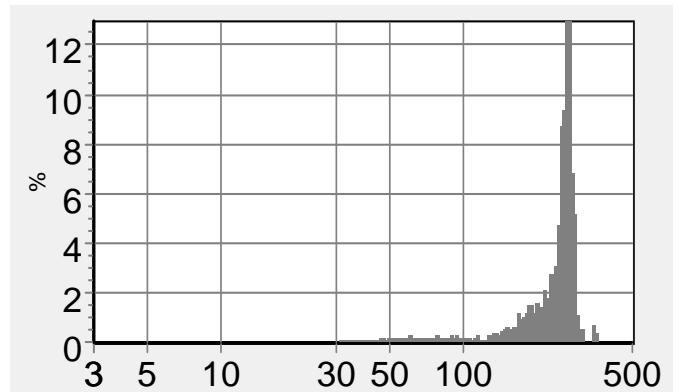


### EQUIVALENT CIRCULAR AREA DIAMETER

ECA Diameter - number



ECA Diameter - volume

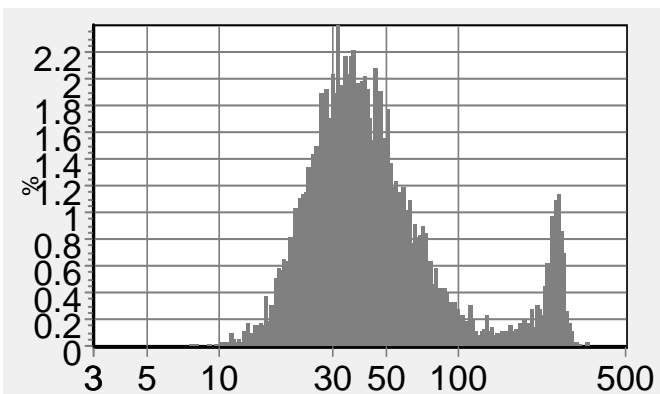


### SAMPLE ANALYSIS SUMMARY (sizes in microns)

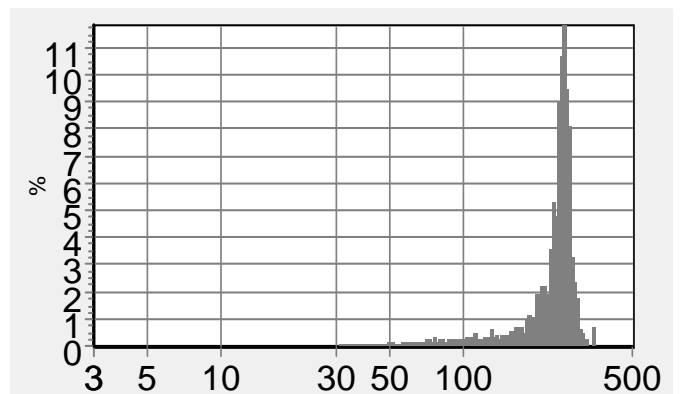
Count	8016	Number percentiles:		Area percentiles:		Volume percentiles:		Dp,q:	
Minimum	3.0	10.00 %	23.5	10.00 %	49.7	10.00 %	151.1	D1,0	62.3
Maximum	351.8	25.00 %	30.1	25.00 %	128.8	25.00 %	216.1	D2,0	87.5
Mean	62.3	50.00 %	40.2	50.00 %	234.7	50.00 %	257.3	D2,1	123.0
Std. dev.	61.5	75.00 %	60.0	75.00 %	266.6	75.00 %	272.2	D3,0	114.6
Mode	34.5	90.00 %	150.9	90.00 %	277.9	90.00 %	282.9	D3,2	196.3
								D4,3	234.9

### BOUNDING RECTANGLE WIDTH

BR Width - number



BR Width - volume



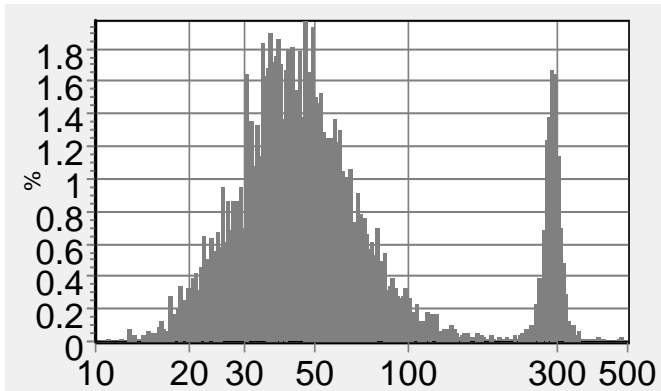
**BOUNDING RECTANGLE WIDTH**

**SAMPLE ANALYSIS SUMMARY (sizes in microns)**

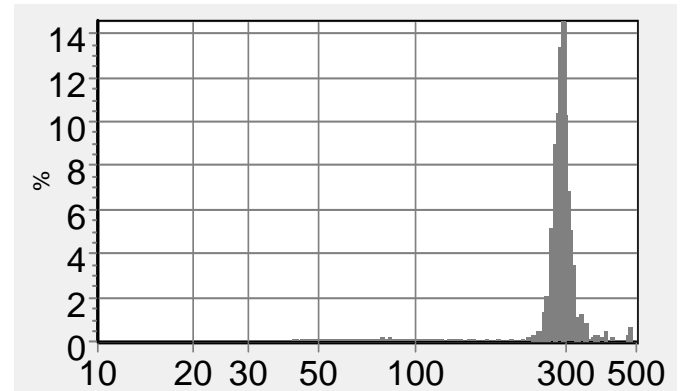
Count	8010	Number percentiles:		Area percentiles:		Volume percentiles:	
Minimum	7.7	10.00 %	22.0	10.00 %	51.1	10.00 %	135.1
Maximum	342.4	25.00 %	28.7	25.00 %	123.2	25.00 %	217.6
Mean	61.3	50.00 %	39.4	50.00 %	236.4	50.00 %	250.2
Std. dev.	62.4	75.00 %	59.0	75.00 %	260.0	75.00 %	265.1
Mode	31.2	90.00 %	135.2	90.00 %	273.5	90.00 %	277.0

**BOUNDING RECTANGLE LENGTH**

BR Length - number



BR Length - volume



**SAMPLE ANALYSIS SUMMARY (sizes in microns)**

Count	8009	Number percentiles:		Area percentiles:		Volume percentiles:	
Minimum	11.0	10.00 %	25.9	10.00 %	58.1	10.00 %	257.3
Maximum	490.7	25.00 %	34.1	25.00 %	254.3	25.00 %	276.2
Mean	74.1	50.00 %	45.6	50.00 %	283.1	50.00 %	288.4
Std. dev.	78.9	75.00 %	65.3	75.00 %	295.5	75.00 %	299.7
Mode	46.4	90.00 %	263.6	90.00 %	309.9	90.00 %	315.1

**SYSTEM DATA SUMMARY**

SYSTEM INDICATORS		CALIBRATION		CONCENTRATION	
In-focus count	8005	Micron/pixel ratio	0.919	Particles / frame	2.49
Frames	3219	Magnification	8.05	Flow cell depth (mm)	0.50
Run time (sec)	263	Image size (microns)	2382 x 1787	Probe volume (mm <sup>3</sup> )	2.519
Focus reject %	58.8			Part. / ml (measured)	9.870E+02
Shape reject %	0.0	INSTRUMENT HARDWARE		Dilution (%)	100
Border reject %	2			Part. / ml (original)	9.870E+02
Overlap reject %	4.9	Pump speed (%)	42.0	Dark pixel %	3.51
Ave. background intensity	207	Camera gain (%)	60.0		

Glitter Flakes Demo Sample-4

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Measure reported: Equivalent Circular Perimeter Diameter

