



JB INSTRUMENTS PVT. LTD.
"Delivering Innovative Solutions To Life's Everyday Needs"

Particle Size Soft

Particle Size Soft

Acicular Particles

Compute

Order	Width	Length	Area	Per. Area	Roundness	Perimeter
1	4.82	3.76	18.74	27.79	2.361	34.86
2	2.62	3.76	2.61	9.85	2.751	35.54
3	6.68	3.65	13.86	13.68	0.821	24.17
4	20.08	6.10	58.68	53.87	1.381	18.73
5	13.72	6.10	50.17	35.89	2.751	46.42
7	14.72	13.14	157.66	86.89	1.561	23.89
8	48.04	18.00	288.72	145.61	2.751	18.11

Total Acicular Particles: 186
Length of Longest Particle: 212.207
Length of Smallest Particle: 0.489
Max Area: 9484.61
Min Area: 1.98
Average Length: 20.213

Distribution Range

Area	Length	%
1.00 To 2366	39.7	
2366 To 4732	2.87	
4732 To 7098	2.39	
7098 To 9465	0.95	

Refresh Back Report

100 µm

Particle Size & Shape Analysis Software - Particle Size Soft

Introduction of Particle Size Soft

Microscopic size and shape analysis of particles can be performed by using powerful "Particle Size Soft" Image Analyse software. Thousands of Particles are automatically being detected & analysed in a matter of few seconds. Measurement methods are easily set-up in advance and performed using intuitive software wizard features, easily following the required operating procedures. Results are displayed in both graphical and tabular format, statistical parameters and comparisons for particle size and shape Manufacturing are calculated.

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For more information contact us www.jbmicroscope.com

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Need for particle size control in the manufacture of Metallurgical industry attempts to capitalize on some with less than ideal solubility profiles. distributions in submissions in which the emphasis of a drug product claim is based in tightly controlled particle size. Microscopes and digital image Analyse can be used for:

- **Determination of particle size distribution.**
- **Particle shape e.g. aspect ratio (ratio between breath and length) which gives valuable extra information.**
- **Measurement of object sizes e.g. mesh size of sieves.**

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