

**Sample**

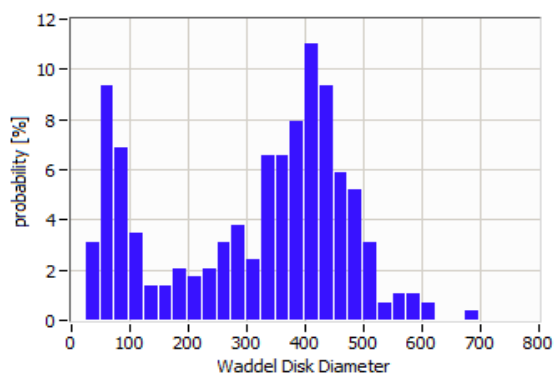
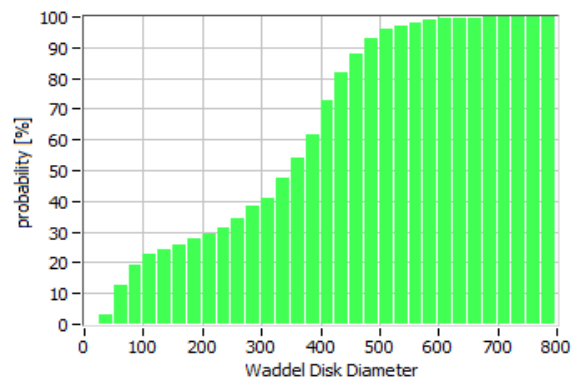
Sample Name	carotene_4	Date	13.04.16
Sample Origin	Plant3	Time	22:15:01
Reference	BDS10	Operator	user2
Remarks	Suspension		

Method

Overall	Default Method	Measurement Value	Waddel Disk Diameter
Filter	Default Filter	Weight	number
Analysis	Default Analysis	Distribution Type	probability [%]
Camera	Default Camera	Number of Frames	16

Statistics

Mean	313	Std	157	Number	290
x(1,0)	313	x(3,2)	427	x(4,3)	448
x(5%)	43	x(50%)	348	x(95%)	503

Particle Spectrum**Sum Distribution**

x	%	S %	x	%	S %	x	%	S %	x	%	S %	x	%	S %
0-25	0	0	250-275	3	34	500-525	3	96	750-775	0	100			
25-50	3	3	275-300	4	38	525-550	1	97	775-800	0	100			
50-75	9	12	300-325	2	41	550-575	1	98						
75-100	7	19	325-350	7	47	575-600	1	99						
100-125	3	23	350-375	7	54	600-625	1	100						
125-150	1	24	375-400	8	62	625-650	0	100						
150-175	1	26	400-425	11	73	650-675	0	100						
175-200	2	28	425-450	9	82	675-700	0	100						
200-225	2	29	450-475	6	88	700-725	0	100						
225-250	2	31	475-500	5	93	725-750	0	100						

parameter	mean	Std	parameter	mean	Std	parameter	mean	Std
Waddel Disk Diameter	313	157	Equivalent Ellipse Minor Axis	228	123	Ratio of Equivalent Rect Sides	2	2
Hydraulic Radius	141	75	Equivalent Rect Long Side	307	130	Elongation Factor	3	2
Max Feret Diameter	410	173	Equivalent Rect Short Side	246	139	Compactness Factor	1	0
Equivalent Rect Diagonal	402	178	% Area/Image Area	2	4	Heywood Circularity Factor	1	0
Perimeter	1106	513	Equivalent Ellipse Minor Axis (Feret)	257	143	Type Factor	1	0
Convex Hull Perimeter	1091	497	Equivalent Rect Short Side (Feret)	202	112	Tortuosity	1	0
Equivalent Ellipse Major Axis	439	200	Ratio of Equivalent Ellipse Axes	2	1	Light Intensity	120	0