



COULTER

LS Particle Size Analyzer

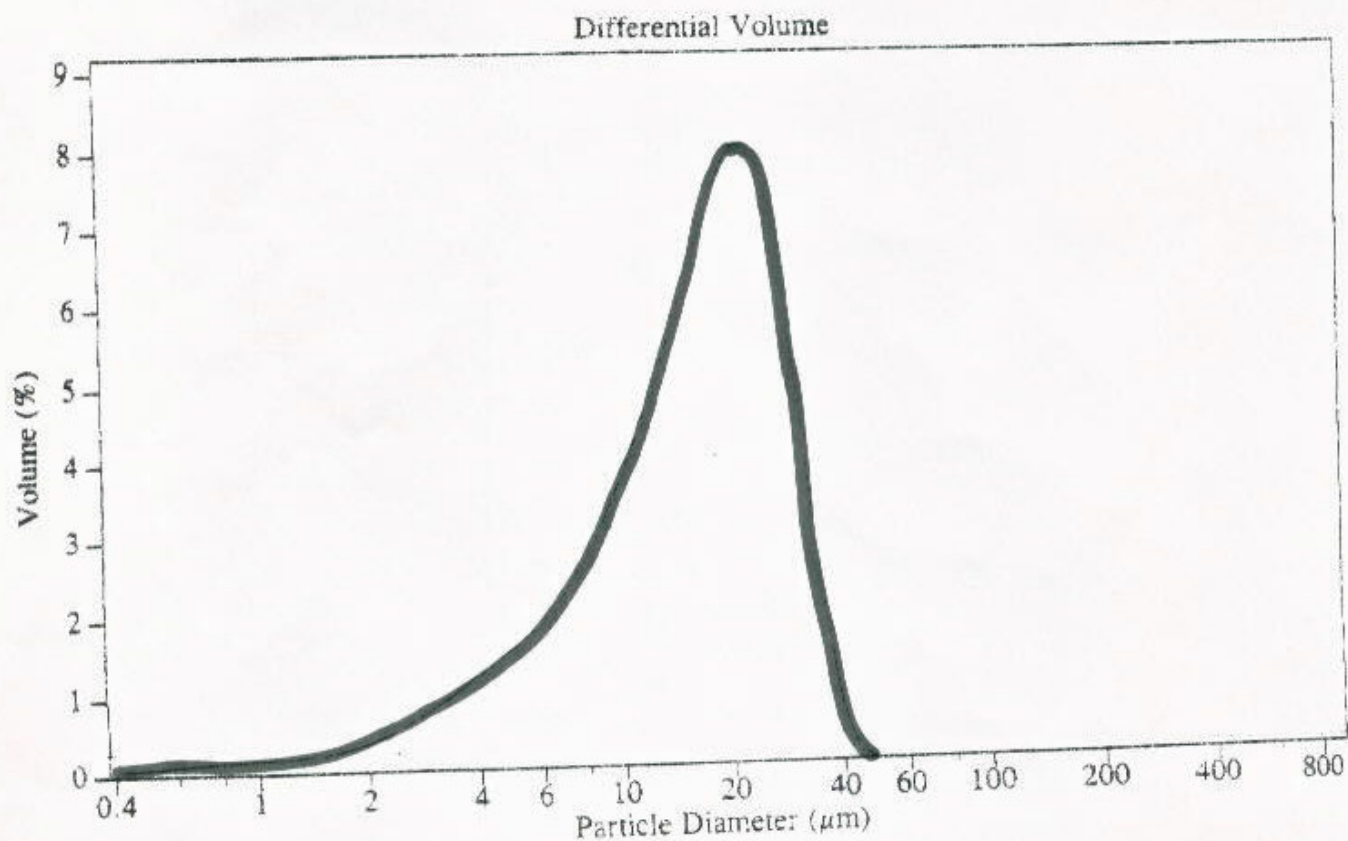
Industrial Beads

15 Sep 2000

File name: 32 μ .S03
Sample ID: ECH N°1
Operator: M.DI CLEMENTE
Optical model: glass.ome
LS 100 Fluid Module
Start time: 11:35 15 Sep 2000
Obscuration: 10%
Fluid: Water
Software: 2.11

Group ID: < 32 μ
Run number: 76
Run length: 60 Seconds
Firmware: 1.31 1.8

lot #: BBG652C





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Volume Statistics (Geometric)

32 μ .S03

Calculations from 0.400 μ m to 800 μ m

Volume	100.0%	95% Conf. Limits:	3.141-59.26 μ m
Mean:	13.64 μ m	S.D.:	2.116
Median:	16.46 μ m	Variance:	4.476
Mean/Median Ratio:	0.829	Skewness:	-1.406 Left skewed
Mode:	23.28 μ m	Kurtosis:	2.398 Leptokurtic
Specific Surf. Area	6634 cm ² /ml		

% >	10	25	50	75	90
Size μ m	29.05	23.32	16.46	9.713	4.877

32 μ .S03

Volume %	Particle Diameter μ m >
10.00	29.05
25.00	23.32
50.00	16.46
75.00	9.713
90.00	4.877

32 μ .S03

Channel Diameter (Lower) μ m	Diff. Volume %	Channel Diameter (Lower) μ m	Diff. Volume %
0.400	0.071	2.165	0.48
0.444	0.077	2.407	0.59
0.494	0.086	2.675	0.71
0.549	0.10	2.973	0.86
0.610	0.12	3.303	0.99
0.678	0.13	3.671	1.16
0.754	0.15	4.079	1.32
0.837	0.16	4.534	1.49
0.931	0.17	5.040	1.63
1.034	0.18	5.600	1.84
1.150	0.19	6.224	2.07
1.278	0.21	6.916	2.37
1.420	0.23	7.688	2.71
1.577	0.27	8.543	3.14
		9.484	3.66



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Channel Diameter (Lower) μ m	Diff. Volume %
11.73	4.85
13.03	5.45
14.48	6.18
16.10	6.86
17.88	7.54
19.87	7.99
22.09	8.02
24.54	7.45
27.29	6.14
30.33	4.28
33.70	2.23
37.45	0.77
41.63	0.13
46.25	0.0084
51.41	0
57.13	0
63.50	0
70.57	0
78.41	0
87.15	0
96.86	0
107.6	0
119.6	0
132.8	0
147.8	0
164.2	0
182.5	0
202.8	0
225.3	0
250.5	0
278.3	0
309.3	0
343.7	0
382.1	0
424.6	0
471.8	0
524.4	0
582.7	0
647.7	0