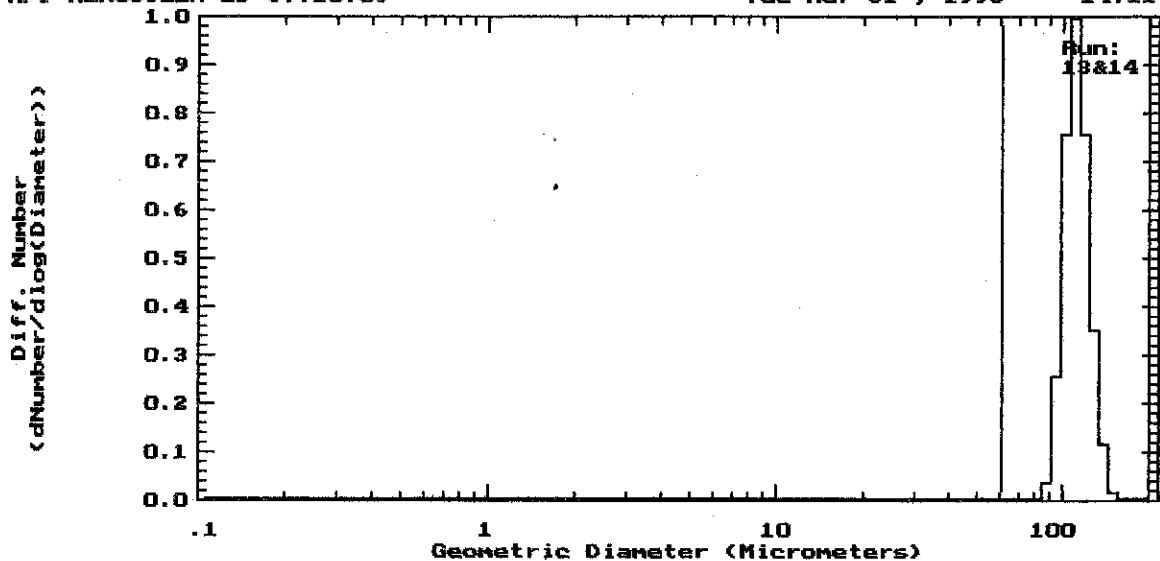


Directory: c:\509802D Run 15 taken on Tue Mar 31 14:23:34 1998 Number Distribution by Geometric Diameter  
 509802D 1.034um Psi

STATISTICS		PARAMETERS		%UNDER	SIZE	%UNDER	SIZE
Mean Size	: 1.039	Material	: Polystyrene I	5%	0.9424	55%	1.043
Standard Deviation	: 1.057	Density	: 1.05	10%	0.9657	60%	1.049
D(4,3)	: 1.049	Run Length (sec)	: 59.2	15%	0.9846	65%	1.055
D(3,2)	: 1.046	PMF Voltage	: 1100.0	20%	0.9986	70%	1.060
Mode (Log Scale)	: 1.04	Sum of channels	: 1825	25%	1.007	75%	1.069
Specific Surface Area	: 5.46 sq meter/g	Lower Size Limit	: 0.91	30%	1.015	80%	1.079
Scans 15 and 16 combined between: 5.6 and 5.7 microns.		Upper Size Limit	: 1.20	35%	1.021	85%	1.096
		Nozzle Type	: 700um	40%	1.027	90%	1.120
		Baseline Offset	: 0.10	45%	1.033	95%	1.151
		Noise Filter	: 6.00	50%	1.038		
		Regularization	: Off				

UPPER SIZE	% IN	LOWER SIZE	% UNDER	UPPER SIZE	% IN	LOWER SIZE	% UNDER	UPPER SIZE	% IN	LOWER SIZE	% UNDER	UPPER SIZE	% IN	LOWER SIZE	% UNDER
		100	0.0000	86.0	100.00	10.0	0.0000	8.60	100.00	1.00	20.506	0.86	0.0000		
		86.0	0.0000	74.0	100.00	8.60	0.0000	7.40	100.00	0.86	0.0000	0.74	0.0000		
		74.0	0.0000	63.0	100.00	7.40	0.0000	6.30	100.00	0.74	0.0000	0.63	0.0000		
		63.0	0.0000	54.0	100.00	6.30	0.0000	5.40	100.00	0.63	0.0000	0.54	0.0000		
		54.0	0.0000	46.0	100.00	5.40	0.0000	4.60	100.00	0.54	0.0000	0.46	0.0000		
		46.0	0.0000	40.0	100.00	4.60	0.0000	4.00	100.00	0.46	0.0000	0.40	0.0000		
		40.0	0.0000	34.0	100.00	4.00	0.0000	3.40	100.00	0.40	0.0000	0.34	0.0000		
		34.0	0.0000	29.0	100.00	3.40	0.0000	2.90	100.00	0.34	0.0000	0.29	0.0000		
		29.0	0.0000	25.0	100.00	2.90	0.0000	2.50	100.00	0.29	0.0000	0.25	0.0000		
		25.0	0.0000	22.0	100.00	2.50	0.0000	2.20	100.00	0.25	0.0000	0.22	0.0000		
		22.0	0.0000	18.0	100.00	2.20	0.0000	1.80	100.00	0.22	0.0000	0.18	0.0000		
180	0.0000	160	100.00	18.0	0.0000	16.0	100.00	1.80	0.0000	1.60	100.00	0.18	0.0000	0.16	0.0000
160	0.0000	140	100.00	16.0	0.0000	14.0	100.00	1.60	0.0000	1.40	100.00	0.16	0.0000	0.14	0.0000
140	0.0000	120	100.00	14.0	0.0000	12.0	100.00	1.40	0.0000	1.20	100.00	0.14	0.0000	0.12	0.0000
120	0.0000	100	100.00	12.0	0.0000	10.0	100.00	1.20	79.494	1.00	20.506	0.12	0.0000	0.10	0.0000



Directory: c:\509802D Run 13 taken on Tue Mar 31 14:11:12 1998 Number Distribution by Geometric Diameter  
509802D Illum Duke std glass

STATISTICS		PARAMETERS		%UNDR	SIZE	%UNDR	SIZE
Mean Size	: 113.5	Material	: DUKE 112	5%	97.60	55%	114.3
Standard Deviation	: 1.102	Density	: 2.42	10%	100.6	60%	115.9
D(4,3)	: 117.4	Run Length (sec)	: 144.5	15%	102.7	65%	117.5
D(3,2)	: 116.2	PMT Voltage	: 850.0	20%	104.4	70%	119.2
Mode (Log Scale)	: 113.94	Sum of channels	: 9791	25%	106.0	75%	121.0
Specific Surface Area	: 0.02 sq meter/g	Lower Size Limit	: 62.00	30%	107.4	80%	123.1
Scans 13 and 14 combined between: 16.6 and 16.9 microns.		Upper Size Limit	: 200.00	35%	108.8	85%	125.7
		Nozzle Type	: 700um	40%	110.2	90%	129.2
		Baseline Offset	: 0.10	45%	111.6	95%	134.6
		Noise Filter	: 6.00	50%	113.0		
		Regularization	: Off				

UPPER SIZE	% IN	LOWER SIZE	% UNDER	UPPER SIZE	% IN	LOWER SIZE	% UNDER	UPPER SIZE	% IN	LOWER SIZE	% UNDER	UPPER SIZE	% IN	LOWER SIZE	% UNDER
180	0.0000	160	100.00	18.0	0.0000	16.0	0.0000	1.80	0.0000	1.60	0.0000	0.18	0.0000	0.16	0.0000
160	2.0860	140	97.914	16.0	0.0000	14.0	0.0000	1.60	0.0000	1.40	0.0000	0.16	0.0000	0.14	0.0000
140	25.414	120	72.500	14.0	0.0000	12.0	0.0000	1.40	0.0000	1.20	0.0000	0.14	0.0000	0.12	0.0000
120	63.670	100	8.8301	12.0	0.0000	10.0	0.0000	1.20	0.0000	1.00	0.0000	0.12	0.0000	0.10	0.0000
				100	8.8299	86.0	0.0002	10.0	0.0000	8.60	0.0000	1.00	0.0000	0.86	0.0000
				86.0	0.0002	74.0	0.0000	8.60	0.0000	7.40	0.0000	0.86	0.0000	0.74	0.0000
				74.0	0.0000	63.0	0.0000	7.40	0.0000	6.30	0.0000	0.74	0.0000	0.63	0.0000
				63.0	0.0000	54.0	0.0000	6.30	0.0000	5.40	0.0000	0.63	0.0000	0.54	0.0000
				54.0	0.0000	46.0	0.0000	5.40	0.0000	4.60	0.0000	0.54	0.0000	0.46	0.0000
				46.0	0.0000	40.0	0.0000	4.60	0.0000	4.00	0.0000	0.46	0.0000	0.40	0.0000
				40.0	0.0000	34.0	0.0000	4.00	0.0000	3.40	0.0000	0.40	0.0000	0.34	0.0000
				34.0	0.0000	29.0	0.0000	3.40	0.0000	2.90	0.0000	0.34	0.0000	0.29	0.0000
				29.0	0.0000	25.0	0.0000	2.90	0.0000	2.50	0.0000	0.29	0.0000	0.25	0.0000
				25.0	0.0000	22.0	0.0000	2.50	0.0000	2.20	0.0000	0.25	0.0000	0.22	0.0000
				22.0	0.0000	18.0	0.0000	2.20	0.0000	1.80	0.0000	0.22	0.0000	0.18	0.0000