CILAS

PARTICLE SIZE DISTRIBUTION

CILAS 1064 Liquid

Range : 0.04 mu - 500.00 mu / 100 Classes

Sample Ref	: T-3
Product	:
Customer	:
Comments	:
Liquid	:
Dispersing agent	:
Operator	:
Company	:
Location	:
Date :	Time : 16:44:40
Index meas.	: 5079

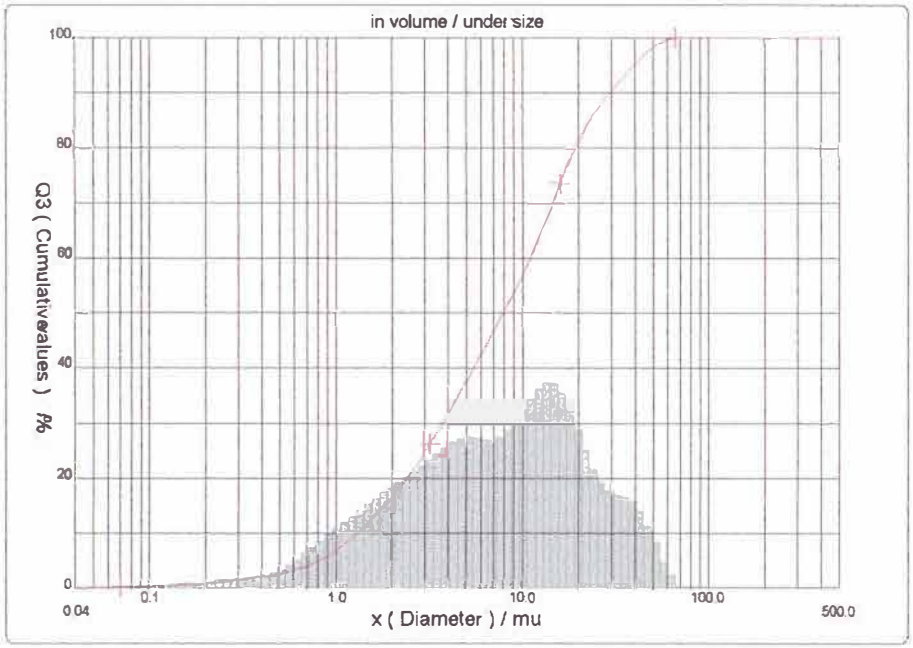
Ultrasounds	: 60 s
Concentration	: 141
Diameter at 10%	: 1.30 mu
Diameter at 50%	: 7.88 mu
Diameter at 90%	: 29.40 mu
Fraunhofer	
Density/Factor	--------
Specific surface	--------
Auto. dilution/top up	: No / No
Nb Measur./Rins.	: 20 / 4

Customer defined classes — in volume / undersize

x	1.00	1.50	2.00	3.00	4.00	6.00	8.00	12.00	16.00	24.00
Q3	6.90	11.95	16.67	24.78	31.59	42.59	50.40	62.96	73.58	85.92

x	32.00	48.00	64.00	96.00	128.0	192.0
Q3	91.51	97.83	99.85	100.00	100.00	100.00

x : diameter / mu Q3 : cumulative value / % q3 : population density / %



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Fraunhofer	
Density/Factor	--------
Specific surface	--------
Auto. dilution/top up	: No / No
Nb Measur./Rins.	: 20 / 4

Standards classes — in volume / undersize

x	0.04	0.07	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
Q3	0.08	0.26	0.41	0.93	1.55	2.10	2.64	3.28	4.04	4.94
q3	0.02	0.02	0.03	0.06	0.11	0.14	0.18	0.26	0.36	0.49
x	0.90	1.00	1.10	1.20	1.30	1.40	1.60	1.80	2.00	2.20
Q3	5.90	6.90	7.92	8.93	9.95	10.95	12.93	14.83	16.67	18.43
q3	0.60	0.70	0.79	0.85	0.94	0.99	1.09	1.18	1.28	1.36
x	2.40	2.60	2.80	3.00	3.20	3.40	3.60	3.80	4.00	4.30
Q3	20.11	21.73	23.28	24.78	26.23	27.63	28.98	30.31	31.59	33.47
q3	1.42	1.49	1.53	1.60	1.65	1.69	1.73	1.81	1.83	1.91
x	4.60	5.00	5.30	5.60	6.00	6.50	7.00	7.50	8.00	8.50
Q3	35.27	37.54	39.15	40.68	42.59	44.77	46.77	48.64	50.40	52.10
q3	1.96	2.00	2.03	2.04	2.03	2.00	1.98	1.99	2.00	2.06
x	9.00	10.00	11.00	12.00	13.00	14.00	15.00	16.00	17.00	18.00
Q3	53.74	56.90	59.98	62.96	65.84	68.59	71.18	73.58	75.78	77.77
q3	2.11	2.20	2.37	2.51	2.64	2.72	2.75	2.73	2.66	2.55
x	19.00	20.00	21.00	22.00	23.00	25.00	28.00	30.00	32.00	34.00
Q3	79.54	81.12	82.53	83.78	84.91	86.82	89.11	90.37	91.51	92.54
q3	2.40	2.26	2.12	1.97	1.87	1.68	1.48	1.34	1.30	1.25
x	36.00	38.00	40.00	43.00	45.00	50.00	53.00	56.00	60.00	63.00
Q3	93.50	94.40	95.23	96.35	97.00	98.29	98.85	99.28	99.63	99.81
q3	1.23	1.22	1.19	1.14	1.05	0.90	0.71	0.57	0.37	0.27
x	66.00	71.00	75.00	80.00	85.00	90.00	95.00	100.0	112.0	125.0
Q3	99.92	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
q3	0.17	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
x	130.0	140.0	150.0	160.0	170.0	180.0	190.0	200.0	212.0	224.0
Q3	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
q3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
x	240.0	250.0	280.0	300.0	315.0	355.0	400.0	425.0	450.0	500.0
Q3	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
q3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

x : diameter / mu Q3 : cumulative value / % q3 : population density / %