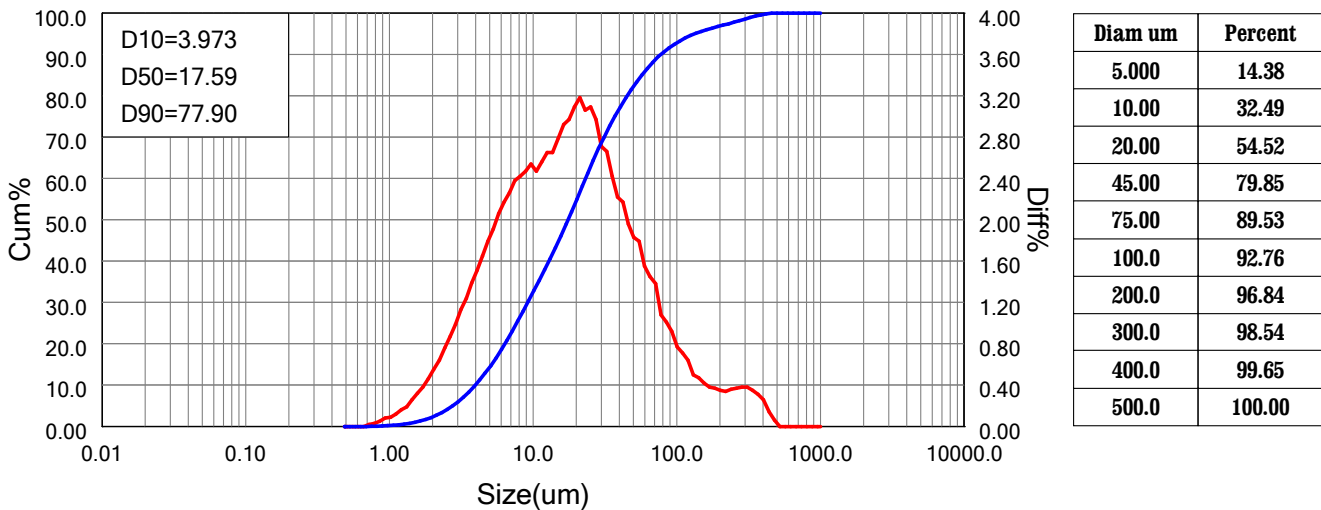


# Bettersizer S3 Plus Particle Size Analysis Report

Range : 0.01um - 3500um

**Sample :** fluvizem\_nove\_vzoriky-1      **Sample Owner :**  
**Medium :** Water      **Dispersant :** fosforecyan      **Measured By :** zm  
**Particle RI :** 1.540-0.0100i      **Optical :** Mie      **Operator :** zm  
**Medium RI :** 1.333      **Mode :** 8.0 - Multi-vrcholo      **Date :** 2020-09-18      **Time :** 13:44:12  
**Remark :**      **Distribution :** Objem      **Method :** Kombinovaný test  
**D 50 :** 17.59 um      **D [4,3] :** 35.96 um      **D [3,2] :** 9.527 um      **OBS. :** 13.84 %  
**SPAN :** 4.201      **D [2,1] :** 3.646 um      **SSA :** 204.1 m<sup>2</sup>/kg      **Residual :** 2.250 %

<b>D03 = 2.219 um</b>	<b>D06 = 3.021 um</b>	<b>D10 = 3.973 um</b>	<b>D16 = 5.386 um</b>	<b>D25 = 7.685 um</b>
<b>D50 = 17.59 um</b>	<b>D75 = 37.07 um</b>	<b>D84 = 54.49 um</b>	<b>D90 = 77.90 um</b>	<b>D97 = 207.8 um</b>



Diam um	Diff%	Cum%	Diam um	Diff%	Cum%	Diam um	Diff%	Cum%	Diam um	Diff%	Cum%
0.489-0.533	0.00	0.00	3.288-3.585	1.24	8.34	22.11-24.11	3.06	61.23	148.7-162.1	0.42	95.95
0.533-0.581	0.00	0.00	3.585-3.910	1.39	9.73	24.11-26.29	3.09	64.32	162.1-176.8	0.38	96.33
0.581-0.634	0.00	0.00	3.910-4.264	1.51	11.24	26.29-28.67	2.97	67.29	176.8-192.8	0.37	96.70
0.634-0.691	0.00	0.00	4.264-4.650	1.65	12.89	28.67-31.27	2.71	70.00	192.8-210.2	0.35	97.05
0.691-0.754	0.02	0.02	4.650-5.070	1.79	14.68	31.27-34.10	2.66	72.66	210.2-229.3	0.34	97.39
0.754-0.822	0.03	0.05	5.070-5.529	1.91	16.59	34.10-37.18	2.42	75.08	229.3-250.0	0.36	97.75
0.822-0.896	0.05	0.10	5.529-6.030	2.06	18.65	37.18-40.54	2.22	77.30	250.0-272.6	0.37	98.12
0.896-0.977	0.08	0.18	6.030-6.575	2.17	20.82	40.54-44.22	2.17	79.47	272.6-297.3	0.38	98.50
0.977-1.066	0.09	0.27	6.575-7.170	2.26	23.08	44.22-48.22	1.96	81.43	297.3-324.2	0.38	98.88
1.066-1.162	0.12	0.39	7.170-7.819	2.38	25.46	48.22-52.58	1.83	83.26	324.2-353.6	0.35	99.23
1.162-1.268	0.16	0.55	7.819-8.527	2.42	27.88	52.58-57.34	1.79	85.05	353.6-385.6	0.31	99.54
1.268-1.382	0.19	0.74	8.527-9.299	2.47	30.35	57.34-62.53	1.55	86.60	385.6-420.5	0.26	99.80
1.382-1.507	0.26	1.00	9.299-10.14	2.54	32.89	62.53-68.19	1.45	88.05	420.5-458.5	0.14	99.94
1.507-1.644	0.32	1.32	10.14-11.05	2.47	35.36	68.19-74.36	1.38	89.43	458.5-500.0	0.06	100.00
1.644-1.793	0.38	1.70	11.05-12.05	2.56	37.92	74.36-81.09	1.08	90.51	500.0-545.3	0.00	100.00
1.793-1.955	0.46	2.16	12.05-13.14	2.65	40.57	81.09-88.42	1.01	91.52	545.3-594.6	0.00	100.00
1.955-2.132	0.55	2.71	13.14-14.33	2.65	43.22	88.42-96.43	0.92	92.44	594.6-648.4	0.00	100.00
2.132-2.325	0.64	3.35	14.33-15.63	2.79	46.01	96.43-105.1	0.77	93.21	648.4-707.1	0.00	100.00
2.325-2.535	0.76	4.11	15.63-17.05	2.92	48.93	105.1-114.6	0.71	93.92	707.1-771.1	0.00	100.00
2.535-2.765	0.87	4.98	17.05-18.59	2.97	51.90	114.6-125.0	0.64	94.56	771.1-840.9	0.00	100.00
2.765-3.015	0.99	5.97	18.59-20.27	3.09	54.99	125.0-136.3	0.50	95.06	840.9-917.0	0.00	100.00
3.015-3.288	1.13	7.10	20.27-22.11	3.18	58.17	136.3-148.7	0.47	95.53	917.0-1000	0.00	100.00