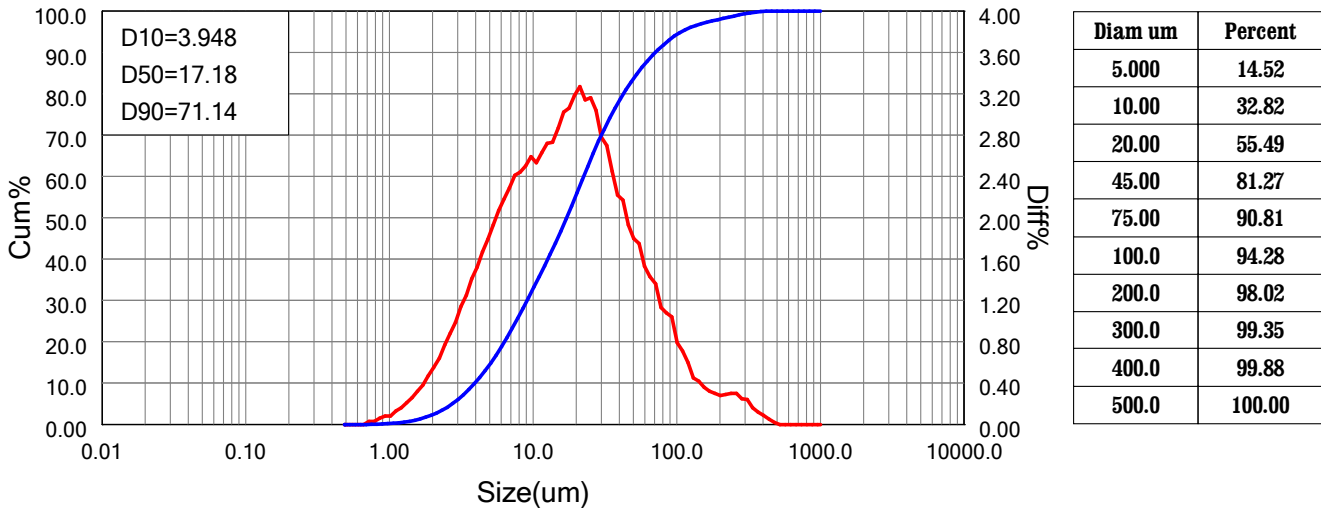


# Bettersizer S3 Plus Particle Size Analysis Report

Range : 0.01um - 3500um

**Sample :** fluvizem\_nove\_vzoriky-2      **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 :** 13:46:09  
**Remark :**      **Distribution :** Objem      **Method :** Kombinovaný test  
**D 50 :** 17.18 um      **D [4,3] :** 31.84 um      **D [3,2] :** 9.390 um      **OBS. :** 13.82 %  
**SPAN :** 3.911      **D [2,1] :** 3.624 um      **SSA :** 207.1 m<sup>2</sup>/kg      **Residual :** 2.363 %

<b>D03 = 2.204 um</b>	<b>D06 = 3.004 um</b>	<b>D10 = 3.948 um</b>	<b>D16 = 5.349 um</b>	<b>D25 = 7.625 um</b>
<b>D50 = 17.18 um</b>	<b>D75 = 35.28 um</b>	<b>D84 = 50.92 um</b>	<b>D90 = 71.14 um</b>	<b>D97 = 151.6 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	1.25	8.43	22.11-24.11	3.14	62.38	148.7-162.1	0.36	97.28
0.533-0.581	0.00	0.00	3.585-3.910	1.41	9.84	24.11-26.29	3.16	65.54	162.1-176.8	0.32	97.60
0.581-0.634	0.00	0.00	3.910-4.264	1.52	11.36	26.29-28.67	3.04	68.58	176.8-192.8	0.30	97.90
0.634-0.691	0.00	0.00	4.264-4.650	1.67	13.03	28.67-31.27	2.78	71.36	192.8-210.2	0.28	98.18
0.691-0.754	0.03	0.03	4.650-5.070	1.79	14.82	31.27-34.10	2.70	74.06	210.2-229.3	0.29	98.47
0.754-0.822	0.03	0.06	5.070-5.529	1.93	16.75	34.10-37.18	2.45	76.51	229.3-250.0	0.30	98.77
0.822-0.896	0.06	0.12	5.529-6.030	2.07	18.82	37.18-40.54	2.22	78.73	250.0-272.6	0.30	99.07
0.896-0.977	0.08	0.20	6.030-6.575	2.18	21.00	40.54-44.22	2.17	80.90	272.6-297.3	0.25	99.32
0.977-1.066	0.08	0.28	6.575-7.170	2.29	23.29	44.22-48.22	1.93	82.83	297.3-324.2	0.24	99.56
1.066-1.162	0.13	0.41	7.170-7.819	2.41	25.70	48.22-52.58	1.80	84.63	324.2-353.6	0.16	99.72
1.162-1.268	0.16	0.57	7.819-8.527	2.44	28.14	52.58-57.34	1.75	86.38	353.6-385.6	0.12	99.84
1.268-1.382	0.21	0.78	8.527-9.299	2.50	30.64	57.34-62.53	1.53	87.91	385.6-420.5	0.09	99.93
1.382-1.507	0.26	1.04	9.299-10.14	2.59	33.23	62.53-68.19	1.43	89.34	420.5-458.5	0.05	99.98
1.507-1.644	0.32	1.36	10.14-11.05	2.53	35.76	68.19-74.36	1.36	90.70	458.5-500.0	0.02	100.00
1.644-1.793	0.38	1.74	11.05-12.05	2.63	38.39	74.36-81.09	1.13	91.83	500.0-545.3	0.00	100.00
1.793-1.955	0.47	2.21	12.05-13.14	2.72	41.11	81.09-88.42	1.08	92.91	545.3-594.6	0.00	100.00
1.955-2.132	0.55	2.76	13.14-14.33	2.73	43.84	88.42-96.43	1.04	93.95	594.6-648.4	0.00	100.00
2.132-2.325	0.64	3.40	14.33-15.63	2.87	46.71	96.43-105.1	0.79	94.74	648.4-707.1	0.00	100.00
2.325-2.535	0.77	4.17	15.63-17.05	3.02	49.73	105.1-114.6	0.71	95.45	707.1-771.1	0.00	100.00
2.535-2.765	0.88	5.05	17.05-18.59	3.06	52.79	114.6-125.0	0.60	96.05	771.1-840.9	0.00	100.00
2.765-3.015	0.99	6.04	18.59-20.27	3.18	55.97	125.0-136.3	0.45	96.50	840.9-917.0	0.00	100.00
3.015-3.288	1.14	7.18	20.27-22.11	3.27	59.24	136.3-148.7	0.42	96.92	917.0-1000	0.00	100.00