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**General info**

<b>Measurement name</b>	ПЦ	<b>User</b>	Anton Paar
<b>Method</b>		<b>Start time</b>	09.11.2020 16:38:12
<b>Status</b>	Succeeded	<b>Instrument type</b>	PSA 1190 LD
<b>Measurement type</b>	Liquid PSA	<b>Calibration mode</b>	ISO Cilas

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**Small Volume Unit**

**Use Small Volume Unit** Yes

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**Sample dispersion parameters**

**Ultrasound** Yes **Ultrasound duration** 0h 03m 00s

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**Measurement parameters**

**Obscuration target** Default  
**Target obscuration** 5,00-30,00 %  
**Reached obscuration** 9,54 %  
**Measurement time** 0h 01m 00s  
**Ultrasound** Yes  
**Stirrer speed** Medium  
**Pump speed** Medium  
**Reconstruction mode** Mie  
**Analysis mode** General  
**Specific surface enabled** No **Shape factor** 1 **Material density** 1

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**Solvent**

**Name** 2-Butanol  
**Refractive index Laser 1** 1,3777  
**Refractive index Laser 2** 1,3828

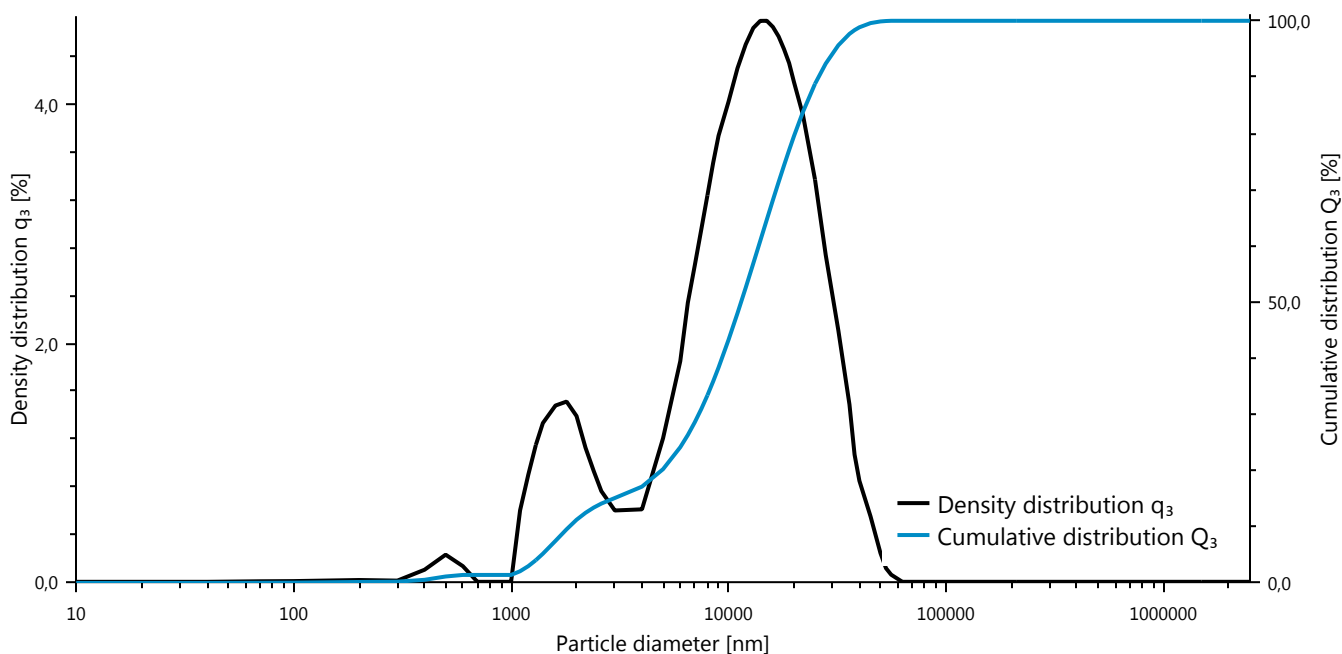
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**Material**

**Name** Цемент  
**Refractive index Laser 1** 1,7200 **Refractive index Laser 2** 1,7200  
**Absorption Laser 1** 0,0000 **Absorption Laser 2** 0,0000

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**Distribution by volume - undersize**



**Cumulative result - undersize**

Reconstruction distribution	D <sub>10</sub> [nm]	D <sub>50</sub> [nm]	D <sub>90</sub> [nm]	Mean size [nm]	Span	D[5,3] [nm]	Specific surface [cm <sup>2</sup> /g]	Fit error	Log Skewness (F&W)	Log Kurtosis (F&W)
Volume	1852,1	11433	25972	13709	2,110	16840	1074,408	0,00273	0,325	1,180
Number	43,91	63,78	309,8	163,16	4,168	16840	1074,408	0,00273	-0,553	1,544
Surface	356,2	1834,7	13654	5199	7,248	16840	1074,408	0,00273	-0,032	1,083
Rosin-Rammler	2511	10897	27779	14109	2,319	16840	1074,408	0,00273	0,227	1,059