

Created by: Anton Paar
Created at: 10.11.2020 17:11:34

General info

Measurement name	Шлак	User	Anton Paar
Method		Start time	09.11.2020 16:55:41
Status	Succeeded	Instrument type	PSA 1190 LD
Measurement type	Liquid PSA	Calibration mode	ISO Cilas

Small Volume Unit

Use Small Volume Unit Yes

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	20,68 %		
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

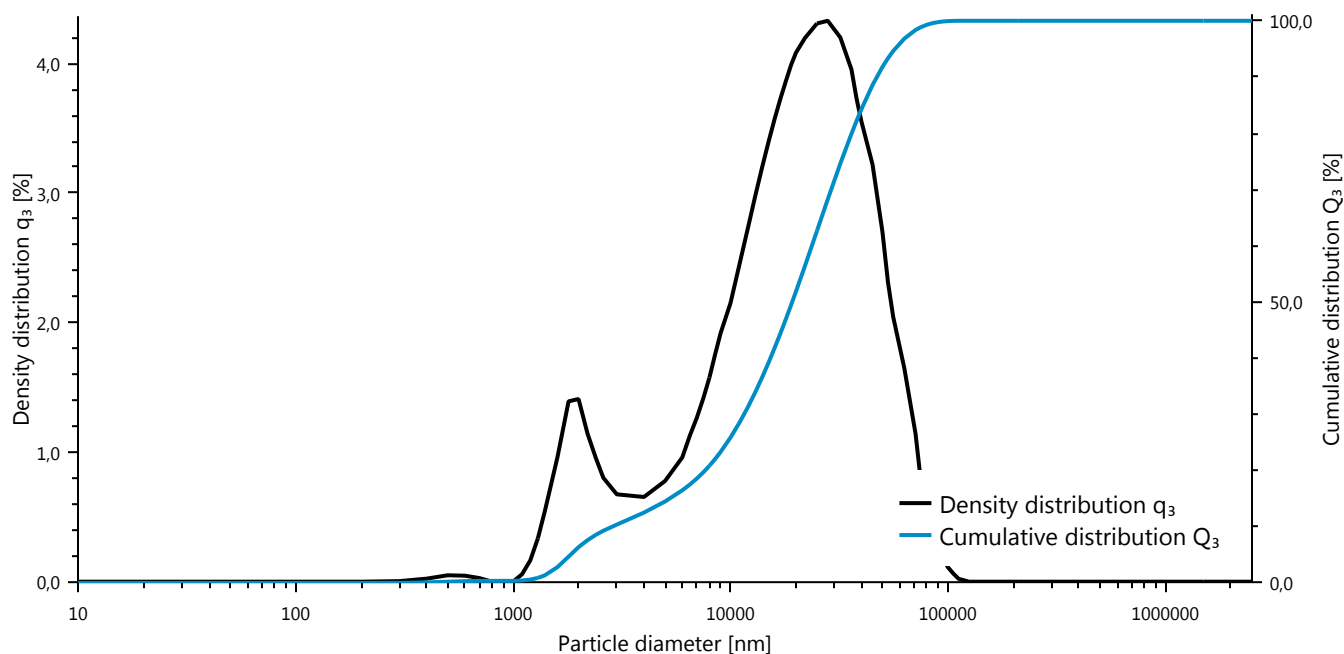
Solvent

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

Material

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

Distribution by volume - undersize



Cumulative result - undersize

Reconstruction distribution	D ₁₀ [nm]	D ₅₀ [nm]	D ₉₀ [nm]	Mean size [nm]	Span	D[5,3] [nm]	Specific surface [cm ² /g]	Fit error	Log Skewness (F&W)	Log Kurtosis (F&W)
Volume	2855	19222	47138	24000	2,304	30137	647,235	0,00133	0,308	1,167
Number	266,2	463,9	1838,2	946,5	3,388	30137	647,235	0,00133	-0,440	0,666
Surface	1289,5	2808	22597	8738	7,588	30137	647,235	0,00133	-0,327	0,881
Rosin-Rammler	3952	18506	49499	24557	2,461	30137	647,235	0,00133	0,226	1,060