



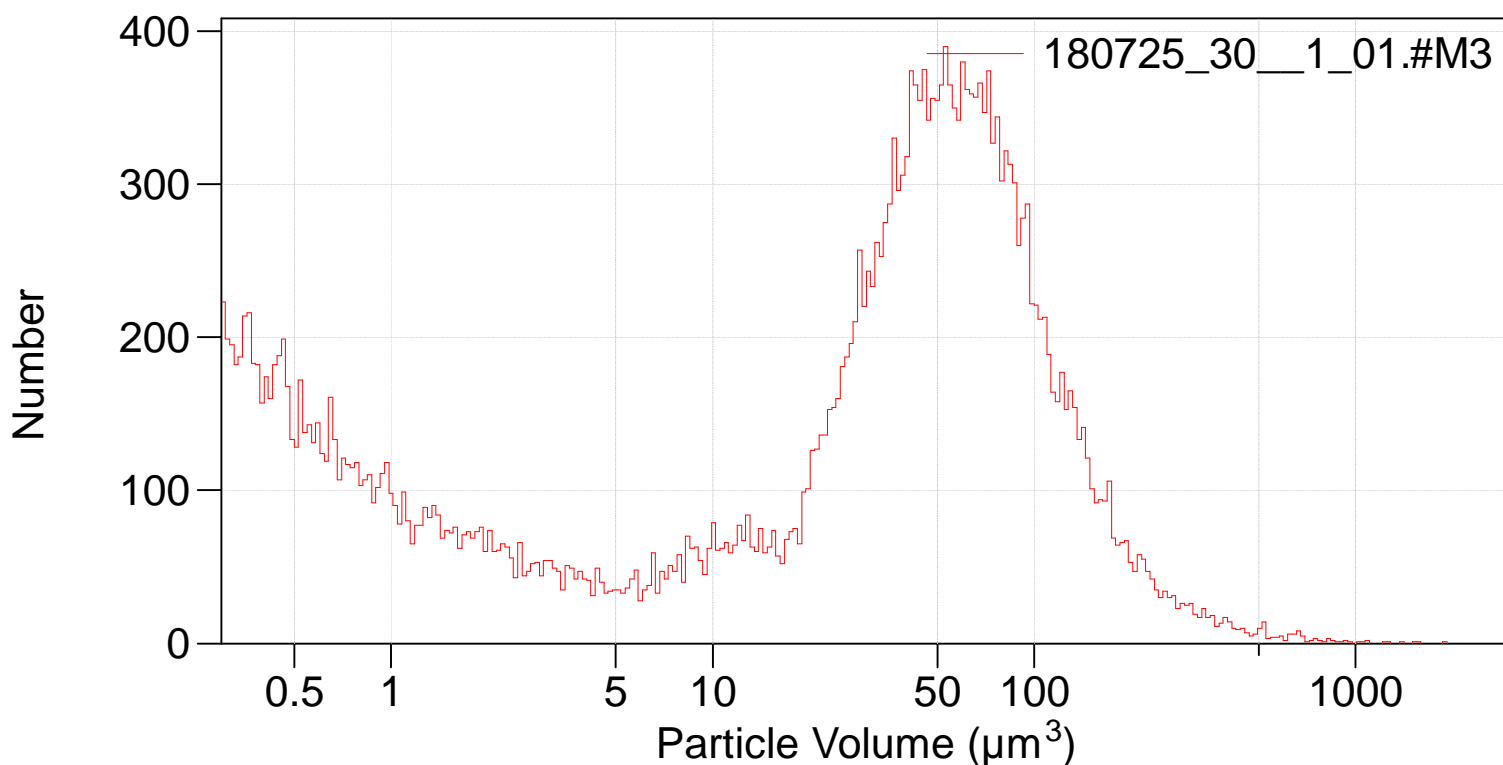
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180725_multisizer\180725_30__1_01.#M3

Preference file: C:\MSD\Default.pri
Group ID: 180725_30_125uMGal
Sample ID: 1
Run number: 2
Electrolyte: ISOTON II
Aperture diameter: 30 μm Kd: 38.822
Aperture current: 400 μA Gain: 8
Size bins: 300 from 0.826 μm to 18 μm
Sigma: 30,420 (Coincidence corrected)
Count > 0.826 μm : 30,000 Coincidence corrected: 30,420
Coincidence correction: 1.4%
Control mode: Total Count 30,000
Elapsed time: 139.98 seconds
Acquired: 20:07 25 Jul 2018
Sample: 0.5 mL

Differential Number



Sigma = 30,420



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180725_30__1_01.#M3

Calculations from $0.295 \mu\text{m}^3$ to $3,054 \mu\text{m}^3$

Number:	30,420		
Mean:	$49.36 \mu\text{m}^3$	S.D.:	$68.88 \mu\text{m}^3$
Median:	$34.92 \mu\text{m}^3$	C.V.:	140%
Mode:	$53.11 \mu\text{m}^3$		

$d_{10}: 0.487 \mu\text{m}^3$	$d_{50}: 34.92 \mu\text{m}^3$	$d_{90}: 111.7 \mu\text{m}^3$
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>10%	>25%	>50%	>75%	>90%
$111.7 \mu\text{m}^3$	$68.32 \mu\text{m}^3$	$34.92 \mu\text{m}^3$	$1.960 \mu\text{m}^3$	$0.487 \mu\text{m}^3$

180725_30__1_01.#M3

Number %	Particle Volume μm^3 <
10	0.487385
25	1.9602
50	34.9167
75	68.3175
90	111.713