

Sample: Micro-Mesopore Isotherm Example
 Operator: Chemist
 Submitter: Particle Technology Labs
 File: R:\3Flex\data\Website examples 2022\Micro-Mesopore Isotherm.SMP

Started: 5/17/2018 2:22:53 PM	Analysis adsorptive: N2
Completed: 5/18/2018 10:57:09 AM	Analysis bath temp.: 77.200 K
Report time: 12/21/2022 4:39:55 PM	Thermal correction: No
Sample mass: 0.2070 g	Ambient free space: 20.4961 cm ³ Measured
Analysis free space: 62.7339 cm ³	Equilibration interval: 20 to 30 s
Low pressure dose: 0.5000 cm ³ /g STP	Sample density: 1.000 g/cm ³
Automatic degas: No	

Comments: Material Name Client ID PTL Project# PTL ID

Summary Report

Surface Area

Single point surface area at $p/p^\circ = 0.078035157$: 1,245.3117 m²/g

BET Surface Area: 1,257.6427 m²/g

Pore Volume

BJH Adsorption cumulative volume of pores
 between 1.7000 nm and 300.0000 nm diameter: 0.225575 cm³/g

BJH Desorption cumulative volume of pores
 between 1.7000 nm and 300.0000 nm diameter: 0.264572 cm³/g

Pore Size

BJH Adsorption average pore diameter (4V/A): 6.1111 nm

BJH Desorption average pore diameter (4V/A): 4.6518 nm

Volume in Pores	<	0.522 nm	:	0.00027 cm ³ /g
Total Volume in Pores	<=	38.734 nm	:	0.56006 cm ³ /g
Area in Pores	>	38.734 nm	:	0.000 m ² /g
Total Area in Pores	>=	0.522 nm	:	1,540.950 m ² /g

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Isotherm Tabular Report

Relative Pressure (p/p ^o)	Absolute Pressure (mmHg)	Quantity Adsorbed (cm ³ /g STP)	Elapsed Time (h:min)	Saturation Pressure (mmHg)
			01:37	746.116333
0.000000020	0.000015	0.9710	02:10	746.882935
0.000000056	0.000042	1.4558	02:18	746.916748
0.000000093	0.000069	1.9402	02:25	746.901367
0.000000129	0.000096	2.4240	02:33	746.881775
0.000001003	0.000749	12.3138	02:40	746.888489
0.000001974	0.001474	22.2152	02:47	746.766052
0.000003287	0.002455	32.0962	02:53	746.846985
0.000005061	0.003780	42.0213	02:59	746.878357
0.000007467	0.005577	51.9274	03:05	746.932617
0.000010797	0.008064	61.8266	03:11	746.895447
0.000015008	0.011209	71.7417	03:19	746.881042
0.000020977	0.015667	81.6160	03:26	746.856506
0.000028826	0.021528	91.4812	03:38	746.825562
0.000040469	0.030221	101.4183	03:45	746.774292
0.000055857	0.041712	111.3185	03:55	746.763184
0.000077607	0.057953	121.2232	04:03	746.751526
0.000107608	0.080353	131.1408	04:11	746.721802
0.000149172	0.111396	141.0410	04:21	746.758911
0.000206533	0.154233	150.9058	04:29	746.769348
0.000286847	0.214230	160.7795	04:39	746.845276
0.000399065	0.298063	170.6358	04:48	746.904907
0.000555593	0.414993	180.4525	04:57	746.937012
0.000775095	0.578968	190.2272	05:06	746.963745
0.001082509	0.808687	199.9193	05:16	747.048706
0.001517168	1.133378	209.5543	05:27	747.035339
0.002130217	1.591499	219.0772	05:39	747.106445
0.002992742	2.235583	228.4584	05:56	747.001587
0.004213565	3.147338	237.6311	06:13	746.953857
0.005903780	4.410289	246.4735	06:28	747.027954
0.008201526	6.124953	254.9641	06:49	746.806519
0.011258687	8.407626	263.0058	07:18	746.767883
0.025393676	18.963888	282.8594	07:41	746.795715
0.049385799	36.871807	299.0490	08:09	746.607483
0.078035157	58.259422	310.3252	08:38	746.579163
0.100869956	75.297951	316.7687	09:00	746.485413
0.126828528	94.664360	322.6513	09:20	746.396423
0.153729875	114.744339	327.6751	09:35	746.402344
0.180477874	134.730225	332.1237	09:52	746.519348

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0.206068796	153.820282	335.8553	10:08	746.451111
0.230623635	172.141541	339.0636	10:22	746.417603
0.254060129	189.629944	341.8130	10:32	746.397888
0.277668576	207.245239	344.5270	10:44	746.376282
0.301872959	225.290421	347.0582	10:54	746.308716
0.326901826	243.913895	349.5492	11:05	746.138062
0.351788135	262.441528	351.8763	11:14	746.021545
0.398333048	297.138000	355.8868	11:26	745.953674
0.448737108	334.718689	359.8931	11:36	745.912659
0.498752776	372.004913	363.7071	11:46	745.870361
0.549047976	409.511139	367.2564	11:54	745.856750
0.598383699	446.292999	370.7904	12:03	745.830811
0.649444790	484.372803	374.2313	12:11	745.825989
0.698755502	521.109497	377.6272	12:18	745.768005
0.749231159	558.725647	381.2181	12:25	745.731995
0.799176895	595.938660	384.9739	12:32	745.690552
0.823908880	614.342346	387.0969	12:38	745.643555
0.849293973	633.287476	389.4031	12:44	745.663452
0.873960127	651.675964	391.8748	12:50	745.658691
0.899055481	670.332397	394.6832	12:56	745.596252
0.923507302	688.555298	398.0659	13:02	745.587280
0.947320658	706.392395	402.9585	13:09	745.674011
0.961616997	717.100403	408.6327	13:18	745.723511
0.972410420	725.221008	416.4292	13:27	745.797241
0.980952849	731.636414	428.4297	13:37	745.842590
0.987062479	736.151245	443.9376	13:49	745.800049
0.990998007	739.139832	458.1749	14:00	745.854004
0.978756781	730.103394	434.6820	14:16	745.949768
0.971109140	724.306885	422.7266	14:28	745.855286
0.947799540	706.737915	406.9601	14:39	745.661804
0.919709994	685.727722	400.5733	14:46	745.591248
0.888407948	662.381653	396.8748	14:52	745.582764
0.877628622	654.349487	395.8358	14:56	745.588135
0.850849573	634.362366	393.5799	15:02	745.563477
0.825631266	615.515869	391.7182	15:07	745.509399
0.800834909	597.045349	390.0491	15:12	745.528625
0.751556505	560.238770	386.9934	15:17	745.437988
0.701106859	522.621887	384.1111	15:23	745.424011
0.650848337	485.178436	381.3407	15:28	745.455444

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Isotherm Tabular Report

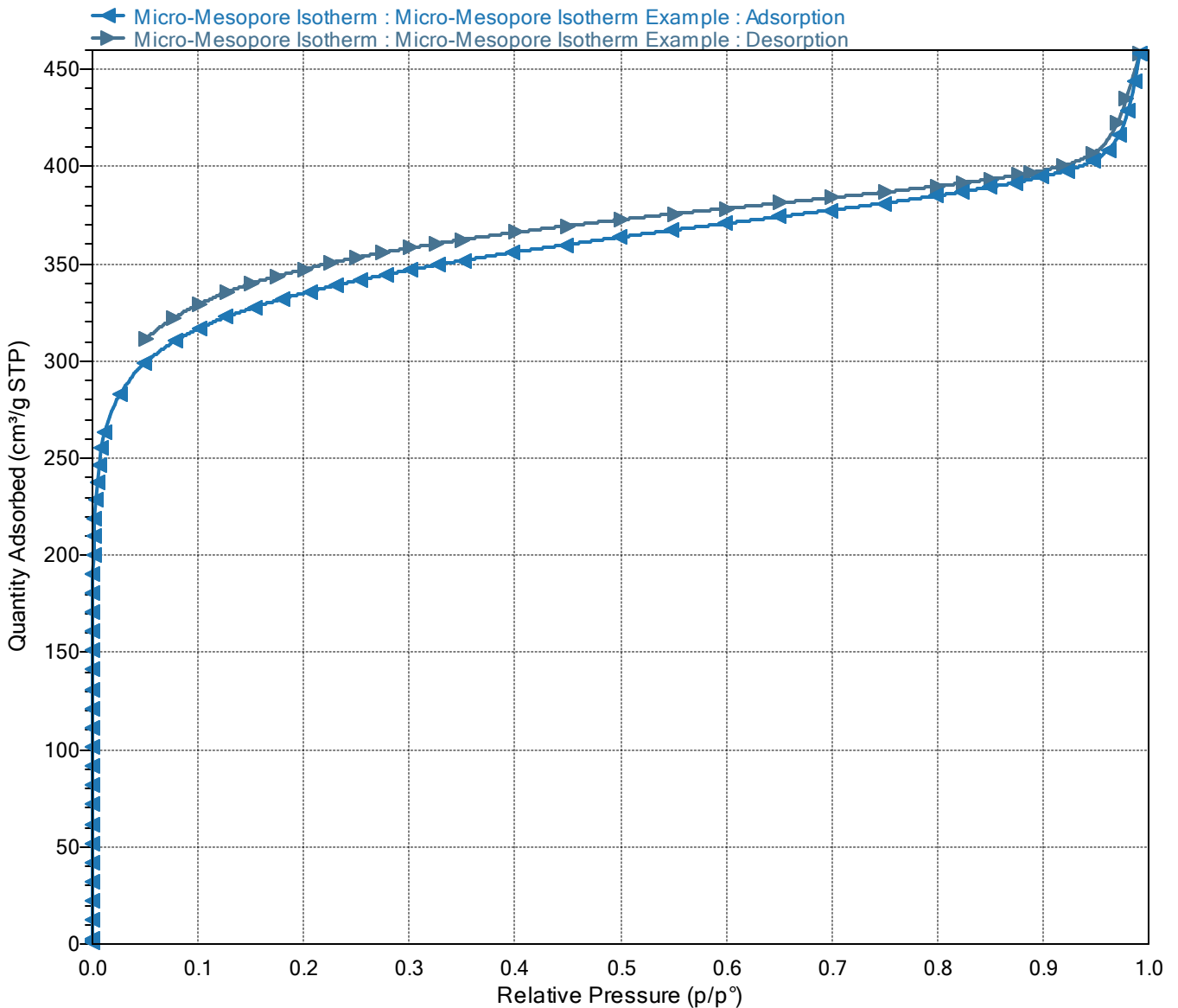
Relative Pressure (p/p°)	Absolute Pressure (mmHg)	Quantity Adsorbed (cm ³ /g STP)	Elapsed Time (h:min)	Saturation Pressure (mmHg)
0.600641514	447.799622	378.5737	15:34	745.535583
0.551083057	410.844696	375.7780	15:40	745.522278
0.500599165	373.254852	372.8083	15:47	745.616211
0.450815541	336.147400	369.6034	15:53	745.642883
0.400516739	298.651794	366.2003	16:01	745.666199
0.350943574	261.666626	362.4873	16:08	745.608826
0.325562391	242.780304	360.3867	16:15	745.725891
0.300354686	223.997940	358.1697	16:23	745.778076
0.275408087	205.414291	355.8298	16:30	745.854248
0.250544071	186.866974	353.2606	16:38	745.844727
0.225459997	168.158081	350.4486	16:47	745.844421
0.200688651	149.678726	347.3299	16:58	745.825562
0.175548314	130.926727	343.8239	17:09	745.815918
0.150916371	112.529221	339.8493	17:21	745.639587
0.128108215	95.495987	335.5394	17:37	745.432190
0.101122173	75.372841	329.3819	17:56	745.364136
0.076596901	57.080517	322.1134	18:21	745.206604
0.051058040	38.029716	311.5976	18:54	744.833069

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Isotherm Linear Plot

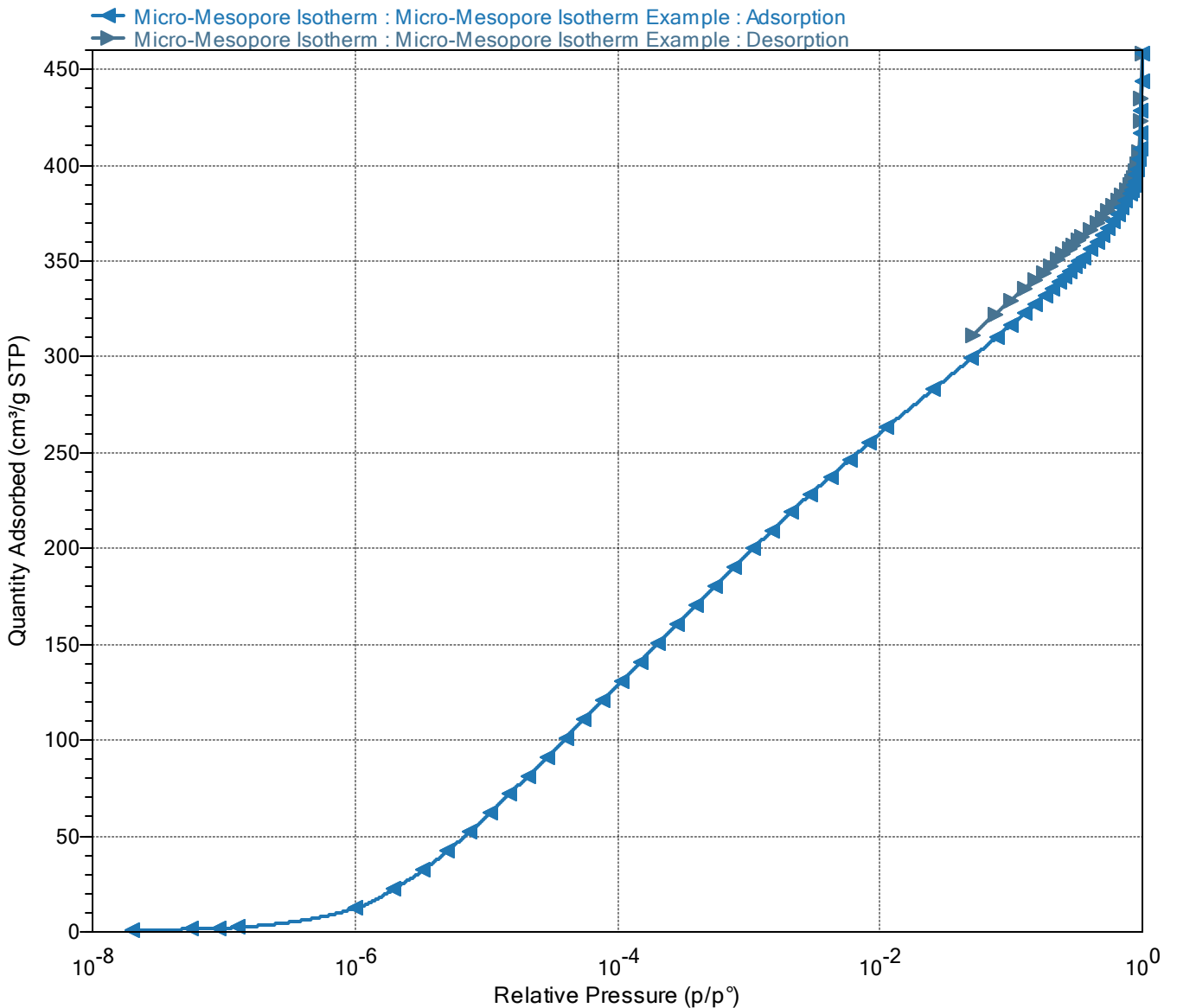


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Isotherm Log Plot



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BET Report

BET surface area: 1,257.6427 ± 4.0919 m²/g
 Slope: 0.003458 ± 0.000011 g/cm³ STP
 Y-intercept: 0.000003 ± 0.000000 g/cm³ STP
 C: 1,056.959505
 Qm: 288.9420 cm³/g STP
 Correlation coefficient: 0.9999576
 Molecular cross-sectional area: 0.1620 nm²

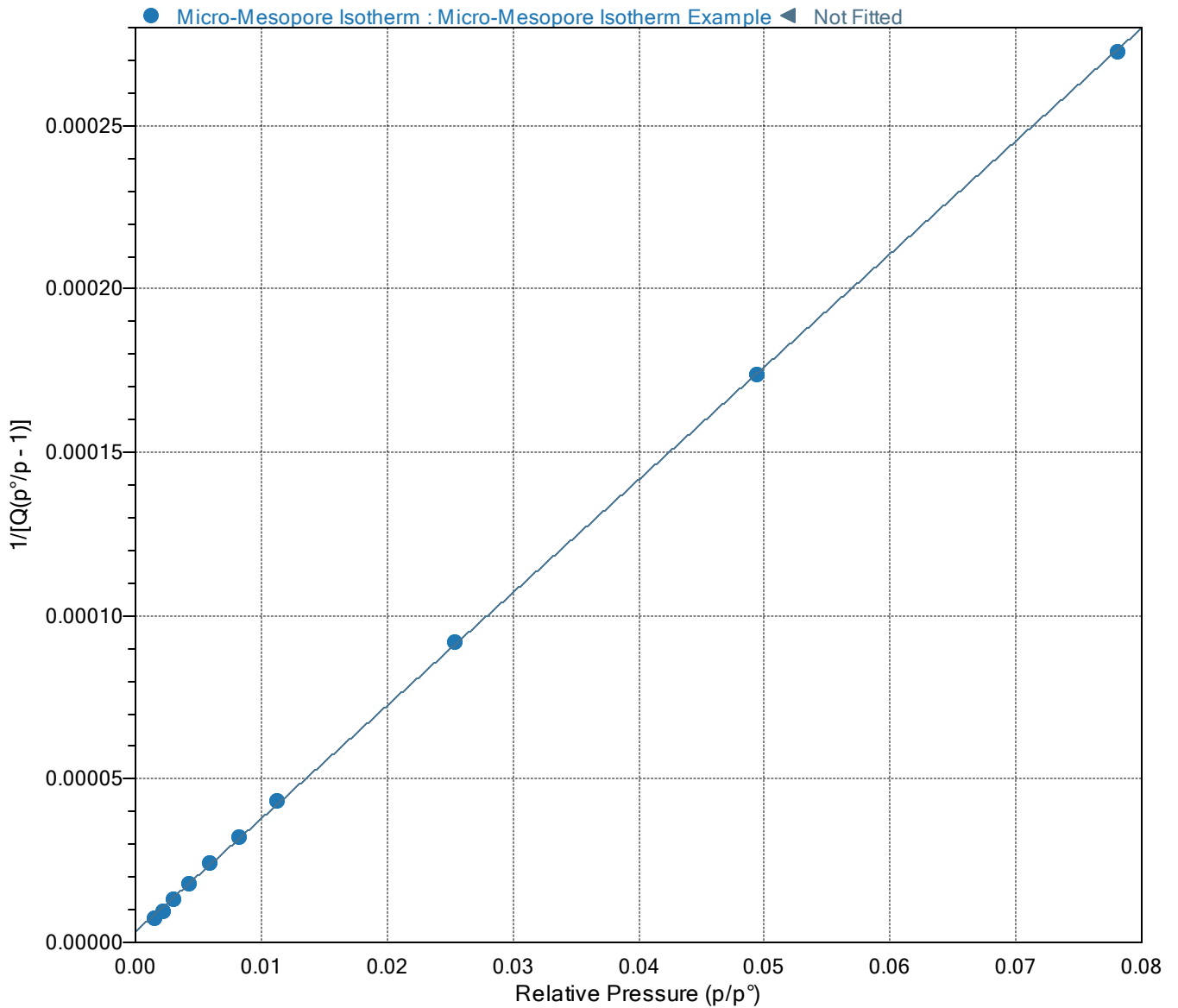
Relative Pressure (p/p°)	Quantity Adsorbed (cm ³ /g STP)	1/[Q(p°/p - 1)]
0.001517168	209.5543	0.000007
0.002130217	219.0772	0.000010
0.002992742	228.4584	0.000013
0.004213565	237.6311	0.000018
0.005903780	246.4735	0.000024
0.008201526	254.9641	0.000032
0.011258687	263.0058	0.000043
0.025393676	282.8594	0.000092
0.049385799	299.0490	0.000174
0.078035157	310.3252	0.000273

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BET Surface Area Plot



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BJH Adsorption Pore Distribution Report

Faas Correction

Halsey

$$t = 3.54 [-5 / \ln(p/p^\circ)]^{0.333}$$

Diameter range: 1.7000 to 300.0000 nm

Adsorbate property factor: 0.95300 nm

Density conversion factor: 0.0015491

Fraction of pores open at both ends: 0.00

Pore Diameter Range (nm)	Average Diameter (nm)	Incremental Pore Volume (cm ³ /g)	Cumulative Pore Volume (cm ³ /g)	Incremental Pore Area (m ² /g)	Cumulative Pore Area (m ² /g)
216.1 - 151.0	172.2	0.023293	0.023293	0.541	0.541
151.0 - 103.1	118.2	0.025565	0.048858	0.865	1.406
103.1 - 71.6	81.7	0.019888	0.068746	0.973	2.380
71.6 - 51.8	58.5	0.012909	0.081655	0.883	3.262
51.8 - 37.9	42.7	0.009362	0.091017	0.877	4.140
37.9 - 26.3	30.0	0.007997	0.099014	1.068	5.207
26.3 - 20.0	22.2	0.005574	0.104588	1.003	6.210
20.0 - 16.0	17.5	0.004729	0.109317	1.079	7.289
16.0 - 13.4	14.4	0.004275	0.113592	1.184	8.473
13.4 - 11.4	12.2	0.004075	0.117667	1.331	9.804
11.4 - 10.0	10.6	0.003836	0.121503	1.446	11.250
10.0 - 7.9	8.7	0.006931	0.128434	3.182	14.432
7.9 - 6.5	7.1	0.006850	0.135284	3.870	18.302
6.5 - 5.5	5.9	0.006657	0.141941	4.490	22.792
5.5 - 4.7	5.1	0.006897	0.148838	5.458	28.250
4.7 - 4.1	4.4	0.007325	0.156163	6.698	34.948
4.1 - 3.6	3.8	0.007424	0.163587	7.764	42.712
3.6 - 3.2	3.4	0.008198	0.171785	9.741	52.453
3.2 - 2.8	3.0	0.008705	0.180490	11.702	64.155
2.8 - 2.5	2.6	0.008851	0.189341	13.362	77.516
2.5 - 2.4	2.4	0.005198	0.194539	8.517	86.033
2.4 - 2.2	2.3	0.005610	0.200149	9.764	95.797
2.2 - 2.1	2.2	0.005708	0.205857	10.549	106.346
2.1 - 2.0	2.0	0.006210	0.212067	12.180	118.526
2.0 - 1.9	1.9	0.006188	0.218255	12.886	131.412
1.9 - 1.7	1.8	0.007320	0.225575	16.238	147.650

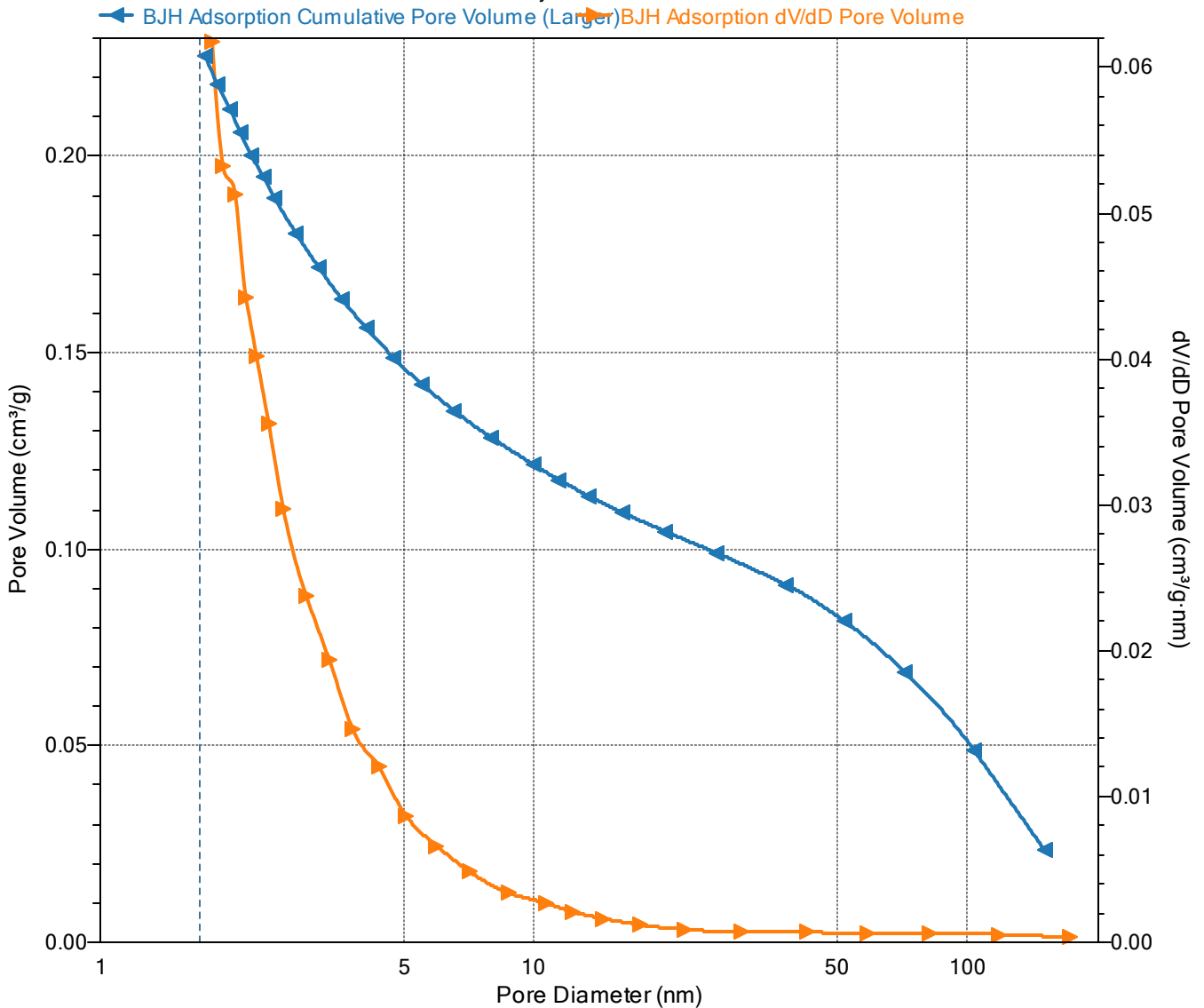
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BJH Adsorption Cumulative Pore Volume (Larger)

Halsey: Faas Correction



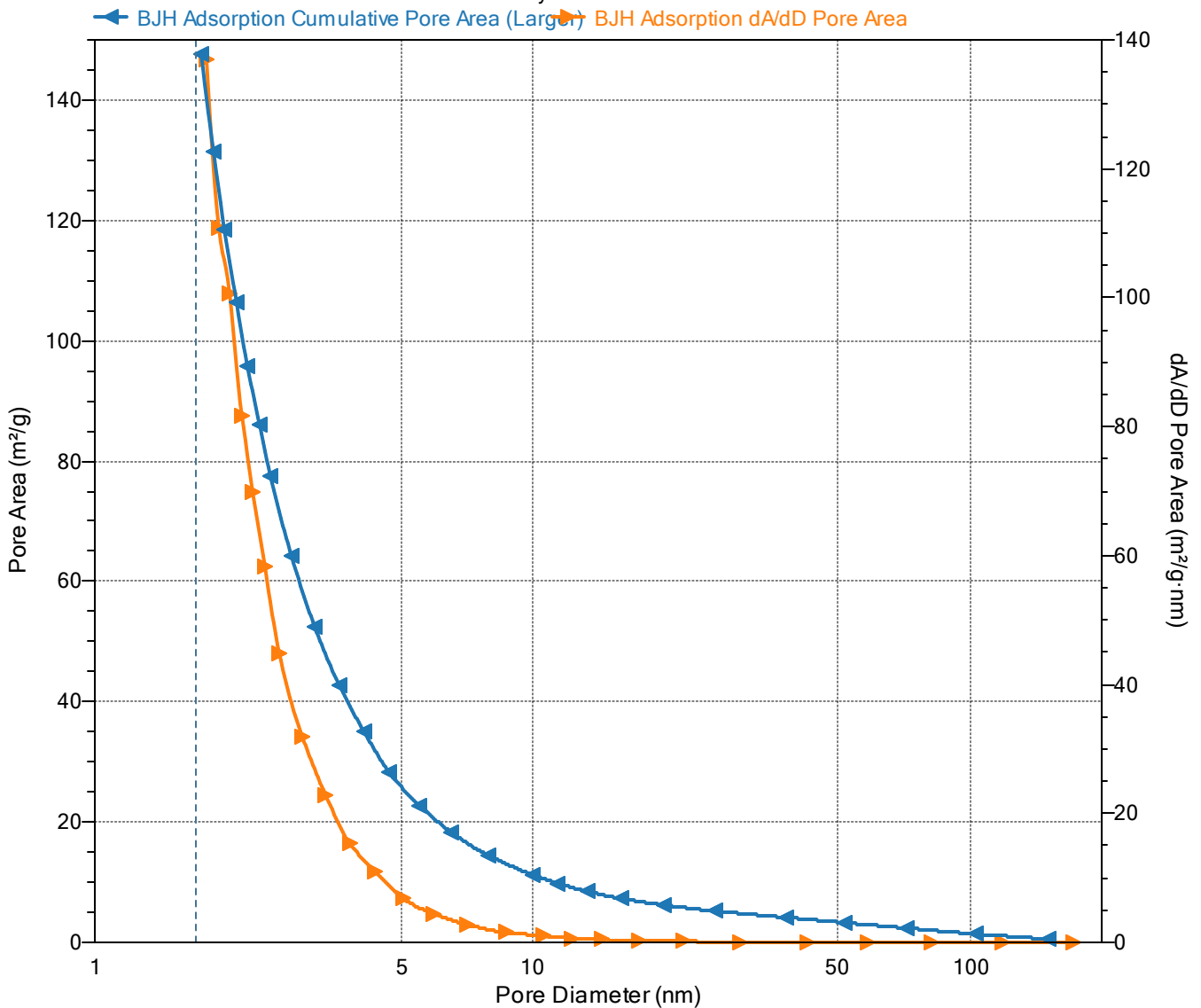
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BJH Adsorption Cumulative Pore Area (Larger)

Halsey: Faas Correction



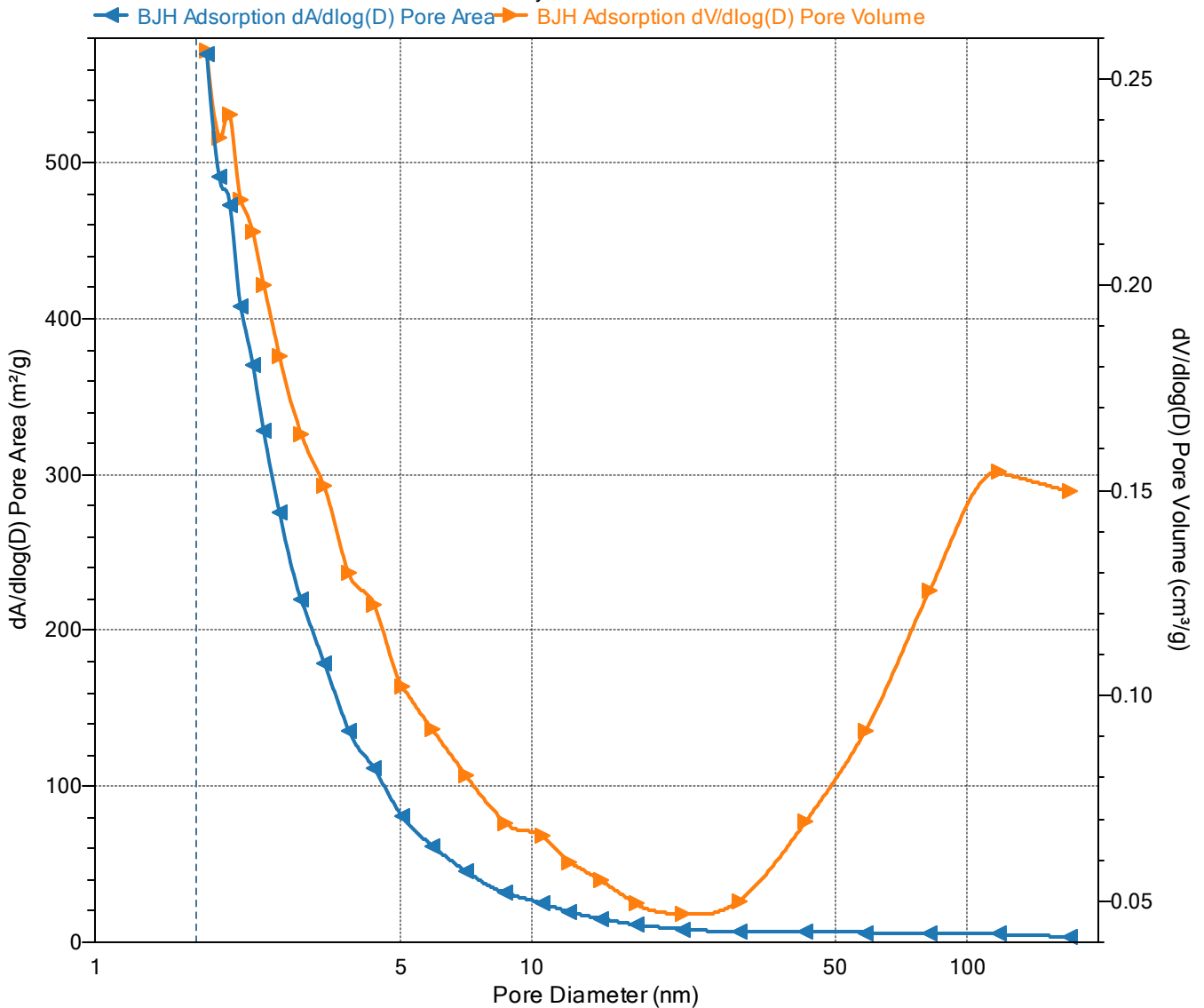
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BJH Adsorption dA/dlog(D) Pore Area

Halsey : Faas Correction



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BJH Desorption Pore Distribution Report

Faas Correction

Harkins and Jura

$$t = [13.99 / (0.034 - \log(p/p^0))] ^ 0.5$$

Diameter range: 1.7000 to 300.0000 nm

Adsorbate property factor: 0.95300 nm

Density conversion factor: 0.0015491

Fraction of pores open at both ends: 0.00

Pore Diameter Range (nm)	Average Diameter (nm)	Incremental Pore Volume (cm ³ /g)	Cumulative Pore Volume (cm ³ /g)	Incremental Pore Area (m ² /g)	Cumulative Pore Area (m ² /g)
214.6 - 92.4	110.8	0.038874	0.038874	1.403	1.403
92.4 - 68.5	76.8	0.020209	0.059084	1.052	2.456
68.5 - 38.7	45.6	0.027697	0.086781	2.431	4.887
38.7 - 25.6	29.4	0.011236	0.098016	1.528	6.415
25.6 - 18.7	21.0	0.006408	0.104425	1.221	7.636
18.7 - 17.1	17.8	0.001807	0.106231	0.406	8.042
17.1 - 14.1	15.3	0.003986	0.110217	1.042	9.084
14.1 - 12.1	13.0	0.003359	0.113576	1.037	10.121
12.1 - 10.7	11.3	0.003080	0.116656	1.092	11.212
10.7 - 8.6	9.4	0.005890	0.122546	2.519	13.732
8.6 - 7.1	7.7	0.005803	0.128349	3.026	16.758
7.1 - 6.0	6.5	0.005836	0.134184	3.611	20.369
6.0 - 5.2	5.6	0.006101	0.140285	4.391	24.760
5.2 - 4.6	4.9	0.006441	0.146726	5.309	30.070
4.6 - 4.0	4.3	0.007139	0.153865	6.678	36.748
4.0 - 3.6	3.8	0.008108	0.161973	8.542	45.290
3.6 - 3.2	3.4	0.008865	0.170838	10.465	55.755
3.2 - 2.9	3.0	0.010088	0.180927	13.298	69.053
2.9 - 2.7	2.8	0.005894	0.186820	8.398	77.451
2.7 - 2.6	2.7	0.006333	0.193153	9.537	86.988
2.6 - 2.4	2.5	0.006797	0.199949	10.817	97.804
2.4 - 2.3	2.4	0.007674	0.207624	12.911	110.715
2.3 - 2.2	2.2	0.008544	0.216168	15.215	125.930
2.2 - 2.1	2.1	0.009749	0.225917	18.401	144.331
2.1 - 1.9	2.0	0.011137	0.237054	22.333	166.664
1.9 - 1.8	1.9	0.013011	0.250064	27.797	194.461
1.8 - 1.7	1.8	0.014507	0.264572	33.041	227.501

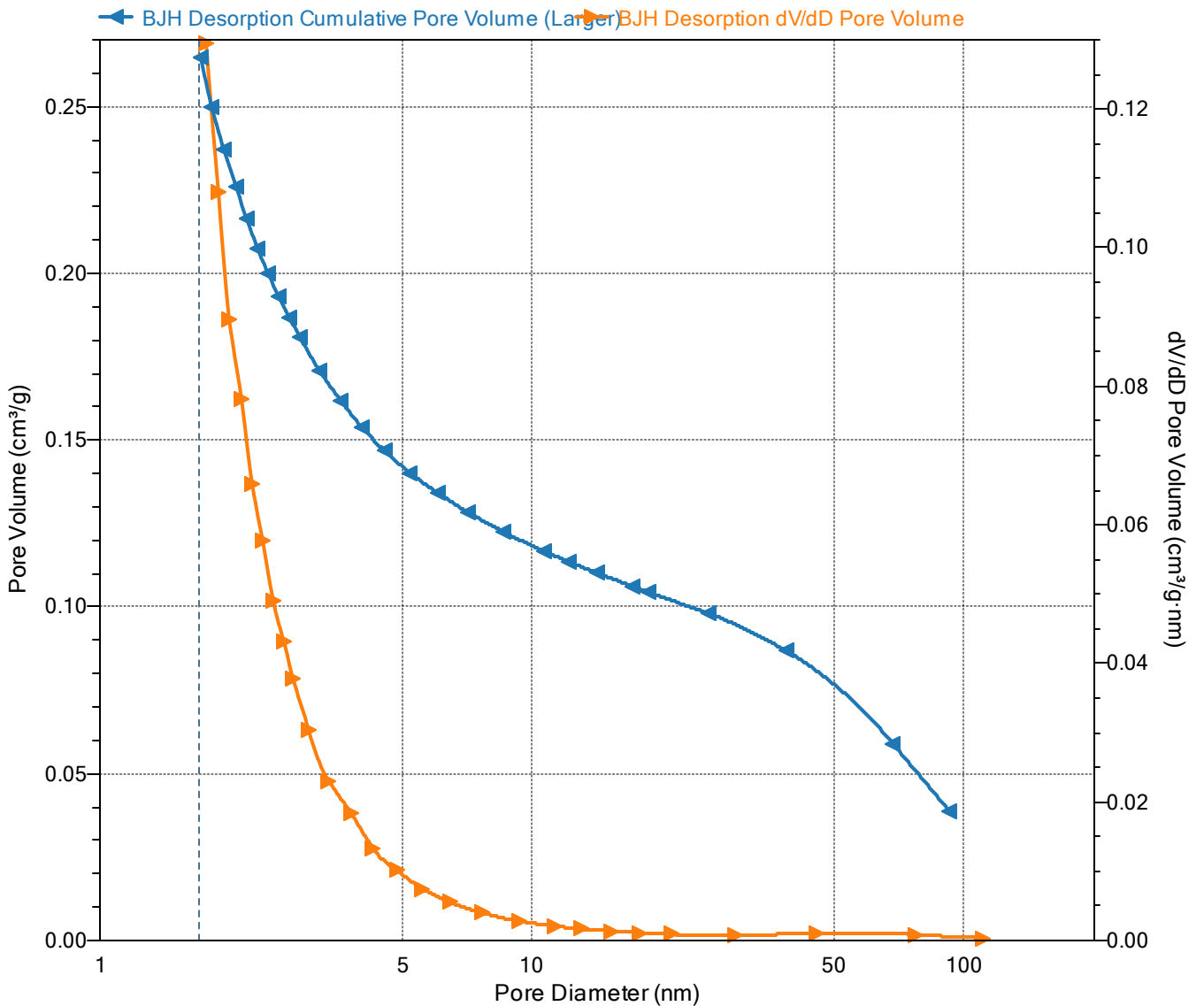
Sample: Micro-Mesopore Isotherm Example
 Operator: Chemist
 Submitter: Particle Technology Labs
 File: R:\3Flex\data\Website examples 2022\Micro-Mesopore Isotherm.SMP

Started: 5/17/2018 2:22:53 PM	Analysis adsorptive: N2
Completed: 5/18/2018 10:57:09 AM	Analysis bath temp.: 77.200 K
Report time: 12/21/2022 4:39:55 PM	Thermal correction: No
Sample mass: 0.2070 g	Ambient free space: 20.4961 cm ³ Measured
Analysis free space: 62.7339 cm ³	Equilibration interval: 20 to 30 s
Low pressure dose: 0.5000 cm ³ /g STP	Sample density: 1.000 g/cm ³
Automatic degas: No	

Comments: Material Name Client ID PTL Project# PTL ID

BJH Desorption Cumulative Pore Volume (Larger)

Harkins and Jura : Faas Correction



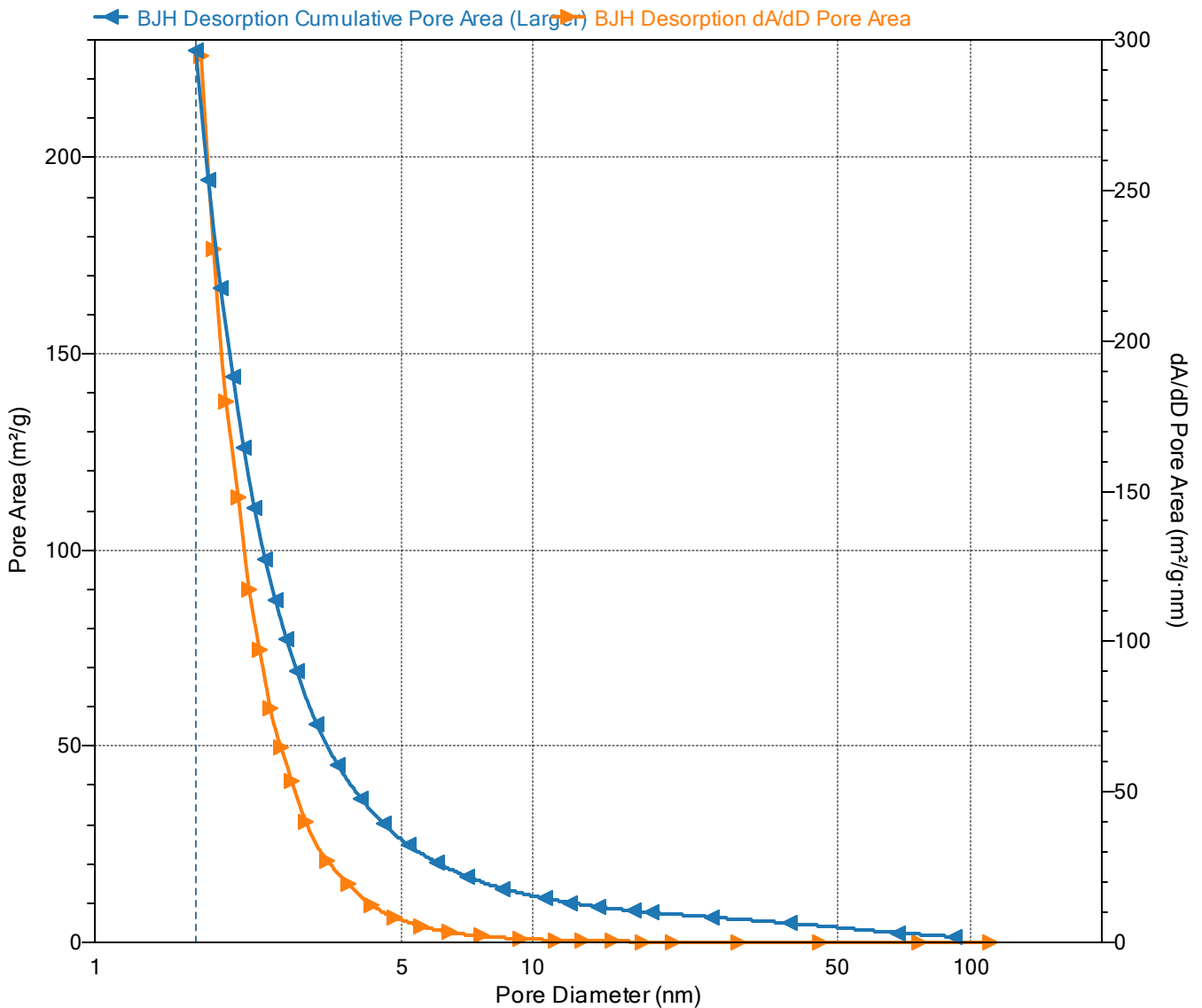
Sample: Micro-Mesopore Isotherm Example
 Operator: Chemist
 Submitter: Particle Technology Labs
 File: R:\3Flex\data\Website examples 2022\Micro-Mesopore Isotherm.SMP

Started: 5/17/2018 2:22:53 PM	Analysis adsorptive: N2
Completed: 5/18/2018 10:57:09 AM	Analysis bath temp.: 77.200 K
Report time: 12/21/2022 4:39:55 PM	Thermal correction: No
Sample mass: 0.2070 g	Ambient free space: 20.4961 cm ³ Measured
Analysis free space: 62.7339 cm ³	Equilibration interval: 20 to 30 s
Low pressure dose: 0.5000 cm ³ /g STP	Sample density: 1.000 g/cm ³
Automatic degas: No	

Comments: Material Name Client ID PTL Project# PTL ID

BJH Desorption Cumulative Pore Area (Larger)

Harkins and Jura : Faas Correction

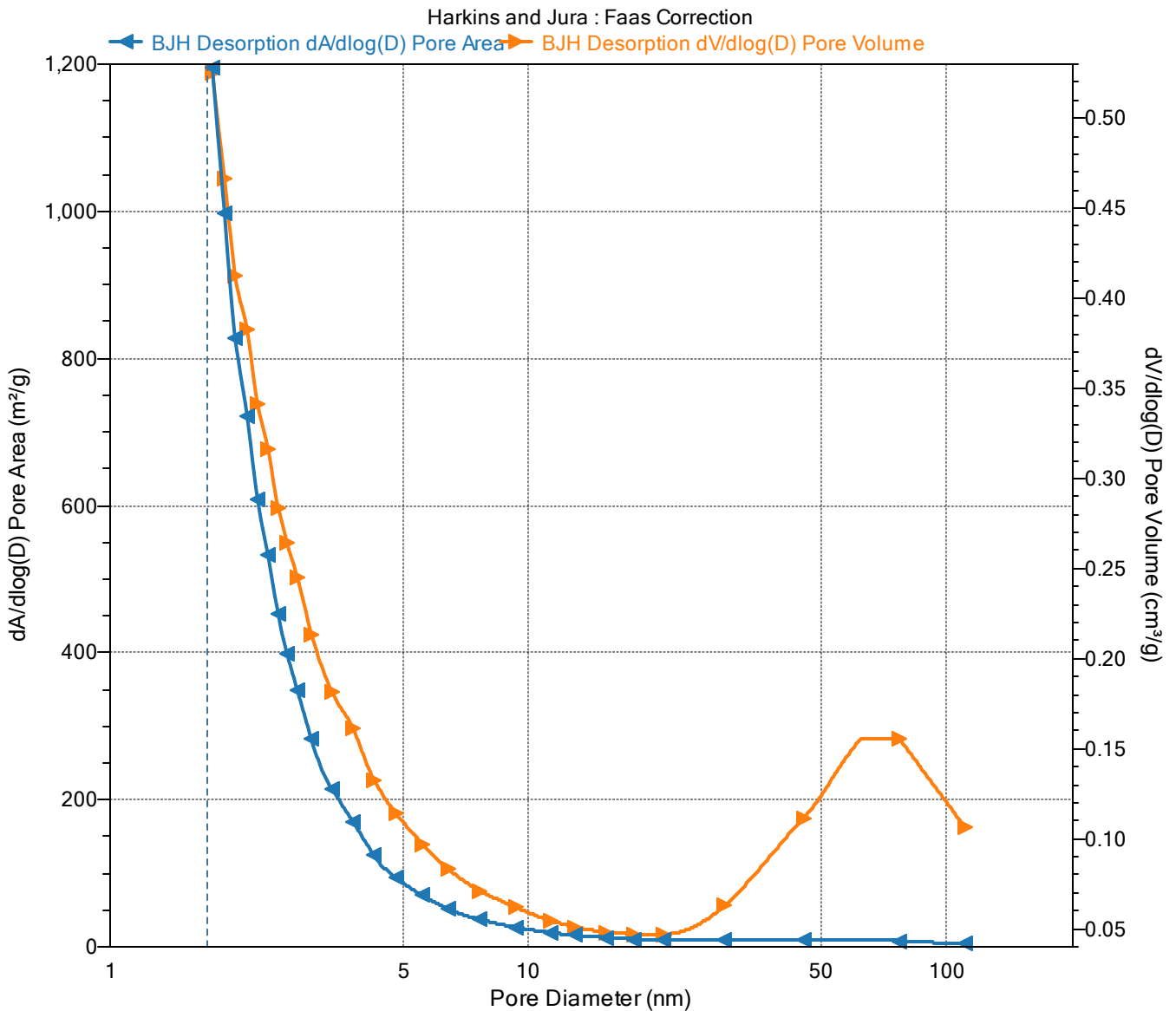


Sample: Micro-Mesopore Isotherm Example
 Operator: Chemist
 Submitter: Particle Technology Labs
 File: R:\3Flex\data\Website examples 2022\Micro-Mesopore Isotherm.SMP

Started: 5/17/2018 2:22:53 PM	Analysis adsorptive: N2
Completed: 5/18/2018 10:57:09 AM	Analysis bath temp.: 77.200 K
Report time: 12/21/2022 4:39:55 PM	Thermal correction: No
Sample mass: 0.2070 g	Ambient free space: 20.4961 cm ³ Measured
Analysis free space: 62.7339 cm ³	Equilibration interval: 20 to 30 s
Low pressure dose: 0.5000 cm ³ /g STP	Sample density: 1.000 g/cm ³
Automatic degas: No	

Comments: Material Name Client ID PTL Project# PTL ID

BJH Desorption dA/dlog(D) Pore Area



Sample: Micro-Mesopore Isotherm Example
 Operator: Chemist
 Submitter: Particle Technology Labs
 File: R:\3Flex\data\Website examples 2022\Micro-Mesopore Isotherm.SMP

Started: 5/17/2018 2:22:53 PM	Analysis adsorptive: N2
Completed: 5/18/2018 10:57:09 AM	Analysis bath temp.: 77.200 K
Report time: 12/21/2022 4:39:55 PM	Thermal correction: No
Sample mass: 0.2070 g	Ambient free space: 20.4961 cm ³ Measured
Analysis free space: 62.7339 cm ³	Equilibration interval: 20 to 30 s
Low pressure dose: 0.5000 cm ³ /g STP	Sample density: 1.000 g/cm ³
Automatic degas: No	

Comments: Material Name Client ID PTL Project# PTL ID

Porosity Distribution by Invalid
 Model: N2 - Cylindrical Pores - Oxide Surface
 Method: Non-negative Regularization: 0.01000
 Standard Deviation of Fit: 2.98231 cm³/g STP

Volume in Pores	<	0.522 nm	:	0.00027 cm ³ /g
Total Volume in Pores	<=	38.734 nm	:	0.56006 cm ³ /g
Area in Pores	>	38.734 nm	:	0.000 m ² /g
Total Area in Pores	>=	0.522 nm	:	1,540.950 m ² /g

Pore Width (nm)	Cumulative Pore Volume (cm ³ /g)	Pore Table		
		Incremental Pore Volume (cm ³ /g)	Cumulative Pore Area (m ² /g)	Incremental Pore Area (m ² /g)
0.522	0.00027	0.00000	0.000	0.000
0.558	0.00027	0.00000	0.000	0.000
0.593	0.00027	0.00000	0.000	0.000
0.629	0.00027	0.00000	0.000	0.000
0.665	0.00027	0.00000	0.000	0.000
0.701	0.00027	0.00000	0.000	0.000
0.736	0.00209	0.00181	9.854	9.854
0.772	0.00797	0.00588	40.315	30.461
0.808	0.01725	0.00928	86.279	45.964
0.844	0.02695	0.00970	132.270	45.990
0.879	0.03574	0.00879	172.246	39.976
0.915	0.04642	0.01068	218.934	46.689
0.951	0.06192	0.01550	284.143	65.209
0.987	0.08269	0.02077	368.336	84.193
1.022	0.10754	0.02485	465.574	97.238
1.058	0.13443	0.02689	567.238	101.664
1.094	0.16049	0.02606	662.527	95.289
1.130	0.18263	0.02214	740.936	78.408
1.165	0.19826	0.01562	794.566	53.630
1.201	0.20893	0.01067	830.111	35.545
1.237	0.21976	0.01084	865.154	35.043
1.273	0.23444	0.01467	911.279	46.125
1.308	0.25071	0.01627	961.023	49.743
1.344	0.26292	0.01221	997.366	36.343
1.380	0.26797	0.00506	1,012.021	14.655
1.416	0.27086	0.00288	1,020.171	8.150
1.451	0.27846	0.00760	1,041.122	20.951
1.487	0.29253	0.01407	1,078.956	37.834

Sample: Micro-Mesopore Isotherm Example
 Operator: Chemist
 Submitter: Particle Technology Labs
 File: R:\3Flex\data\Website examples 2022\Micro-Mesopore Isotherm.SMP

Started: 5/17/2018 2:22:53 PM
 Completed: 5/18/2018 10:57:09 AM
 Report time: 12/21/2022 4:39:55 PM
 Sample mass: 0.2070 g
 Analysis free space: 62.7339 cm³
 Low pressure dose: 0.5000 cm³/g STP
 Automatic degas: No

Analysis adsorptive: N2
 Analysis bath temp.: 77.200 K
 Thermal correction: No
 Ambient free space: 20.4961 cm³ Measured
 Equilibration interval: 20 to 30 s
 Sample density: 1.000 g/cm³

Comments: Material Name Client ID PTL Project# PTL ID

Pore Width (nm)	Cumulative Pore Volume (cm ³ /g)	Pore Table		
		Incremental Pore Volume (cm ³ /g)	Cumulative Pore Area (m ² /g)	Incremental Pore Area (m ² /g)
1.523	0.31173	0.01920	1,129.400	50.444
1.559	0.33322	0.02149	1,184.561	55.161
1.594	0.35348	0.02026	1,235.386	50.825
1.630	0.36911	0.01563	1,273.745	38.359
1.666	0.37788	0.00877	1,294.813	21.068
1.702	0.38021	0.00232	1,300.273	5.460
1.737	0.38132	0.00111	1,302.833	2.560
1.773	0.38311	0.00179	1,306.882	4.049
1.809	0.38579	0.00267	1,312.797	5.915
1.844	0.38891	0.00313	1,319.577	6.780
1.880	0.39211	0.00320	1,326.376	6.799
1.916	0.39561	0.00350	1,333.675	7.299
1.952	0.40008	0.00448	1,342.849	9.174
1.987	0.40596	0.00588	1,354.680	11.830
2.023	0.41291	0.00695	1,368.414	13.734
2.059	0.42002	0.00711	1,382.232	13.818
2.095	0.42629	0.00627	1,394.201	11.969
2.130	0.43136	0.00508	1,403.730	9.529
2.166	0.43564	0.00427	1,411.618	7.888
2.238	0.43991	0.00427	1,419.259	7.641
2.309	0.44496	0.00505	1,428.013	8.754
2.381	0.45077	0.00580	1,437.766	9.753
2.452	0.45636	0.00559	1,446.892	9.126
2.524	0.46083	0.00446	1,453.966	7.074
2.595	0.46415	0.00332	1,459.085	5.119
2.667	0.46688	0.00273	1,463.182	4.097
2.738	0.46969	0.00281	1,467.285	4.103
2.810	0.47264	0.00296	1,471.493	4.208
2.881	0.47520	0.00256	1,475.048	3.555
2.953	0.47772	0.00251	1,478.450	3.402
3.024	0.48072	0.00300	1,482.421	3.970
3.096	0.48375	0.00304	1,486.344	3.923
3.167	0.48614	0.00239	1,489.361	3.018
3.239	0.48811	0.00197	1,491.796	2.435
3.310	0.49038	0.00227	1,494.533	2.737
3.382	0.49242	0.00204	1,496.943	2.410
3.453	0.49419	0.00177	1,498.995	2.052
3.525	0.49577	0.00158	1,500.789	1.794
3.596	0.49755	0.00178	1,502.772	1.984

Sample: Micro-Mesopore Isotherm Example
 Operator: Chemist
 Submitter: Particle Technology Labs
 File: R:\3Flex\data\Website examples 2022\Micro-Mesopore Isotherm.SMP

Started: 5/17/2018 2:22:53 PM
 Completed: 5/18/2018 10:57:09 AM
 Report time: 12/21/2022 4:39:55 PM
 Sample mass: 0.2070 g
 Analysis free space: 62.7339 cm³
 Low pressure dose: 0.5000 cm³/g STP
 Automatic degas: No
 Analysis adsorptive: N2
 Analysis bath temp.: 77.200 K
 Thermal correction: No
 Ambient free space: 20.4961 cm³ Measured
 Equilibration interval: 20 to 30 s
 Sample density: 1.000 g/cm³

Comments: Material Name Client ID PTL Project# PTL ID

Pore Width (nm)	Cumulative Pore Volume (cm ³ /g)	Pore Table		Incremental Pore Area (m ² /g)
		Incremental Pore Volume (cm ³ /g)	Cumulative Pore Area (m ² /g)	
3.668	0.49978	0.00223	1,505.206	2.433
3.739	0.50158	0.00180	1,507.126	1.920
3.811	0.50309	0.00151	1,508.709	1.583
3.882	0.50450	0.00142	1,510.168	1.459
3.954	0.50574	0.00124	1,511.421	1.252
4.025	0.50692	0.00118	1,512.591	1.170
4.096	0.50813	0.00122	1,513.779	1.188
4.168	0.50935	0.00122	1,514.949	1.170
4.239	0.51053	0.00118	1,516.061	1.112
4.311	0.51164	0.00111	1,517.088	1.026
4.382	0.51264	0.00100	1,518.002	0.915
4.454	0.51363	0.00099	1,518.890	0.887
4.525	0.51473	0.00111	1,519.867	0.977
4.597	0.51585	0.00111	1,520.835	0.968
4.668	0.51677	0.00093	1,521.629	0.794
4.740	0.51752	0.00074	1,522.256	0.627
4.811	0.51814	0.00062	1,522.775	0.519
4.883	0.51870	0.00056	1,523.238	0.462
4.954	0.51937	0.00067	1,523.779	0.541
5.026	0.52078	0.00141	1,524.898	1.119
5.205	0.52321	0.00243	1,526.765	1.867
5.491	0.52539	0.00218	1,528.351	1.586
5.777	0.52693	0.00154	1,529.420	1.069
6.098	0.52896	0.00202	1,530.748	1.328
6.420	0.53105	0.00209	1,532.052	1.304
6.742	0.53287	0.00182	1,533.131	1.079
7.099	0.53440	0.00153	1,533.993	0.863
7.457	0.53545	0.00105	1,534.556	0.563
7.850	0.53688	0.00143	1,535.286	0.730
8.279	0.53826	0.00138	1,535.953	0.666
8.708	0.53913	0.00087	1,536.355	0.402
9.137	0.53996	0.00082	1,536.715	0.360
9.637	0.54110	0.00114	1,537.190	0.475
10.138	0.54216	0.00106	1,537.608	0.418
10.638	0.54280	0.00064	1,537.847	0.240
11.210	0.54339	0.00059	1,538.057	0.210
11.782	0.54421	0.00083	1,538.338	0.281
12.390	0.54501	0.00080	1,538.596	0.258
13.033	0.54554	0.00052	1,538.757	0.161

Sample: Micro-Mesopore Isotherm Example
 Operator: Chemist
 Submitter: Particle Technology Labs
 File: R:\3Flex\data\Website examples 2022\Micro-Mesopore Isotherm.SMP

Started: 5/17/2018 2:22:53 PM	Analysis adsorptive: N2
Completed: 5/18/2018 10:57:09 AM	Analysis bath temp.: 77.200 K
Report time: 12/21/2022 4:39:55 PM	Thermal correction: No
Sample mass: 0.2070 g	Ambient free space: 20.4961 cm ³ Measured
Analysis free space: 62.7339 cm ³	Equilibration interval: 20 to 30 s
Low pressure dose: 0.5000 cm ³ /g STP	Sample density: 1.000 g/cm ³
Automatic degas: No	

Comments: Material Name Client ID PTL Project# PTL ID

Pore Width (nm)	Cumulative Pore Volume (cm ³ /g)	Pore Table		Incremental Pore Area (m ² /g)
		Incremental Pore Volume (cm ³ /g)	Cumulative Pore Area (m ² /g)	
13.676	0.54607	0.00054	1,538.914	0.157
14.391	0.54662	0.00055	1,539.066	0.152
15.106	0.54714	0.00052	1,539.204	0.138
15.893	0.54784	0.00069	1,539.379	0.174
16.715	0.54845	0.00061	1,539.525	0.146
17.573	0.54881	0.00037	1,539.608	0.084
18.466	0.54918	0.00036	1,539.687	0.078
19.396	0.54947	0.00030	1,539.748	0.061
20.397	0.54974	0.00027	1,539.801	0.053
21.433	0.54995	0.00020	1,539.839	0.038
22.506	0.55016	0.00021	1,539.877	0.037
23.650	0.55035	0.00020	1,539.910	0.033
24.829	0.55058	0.00023	1,539.946	0.036
26.116	0.55074	0.00016	1,539.971	0.025
27.439	0.55087	0.00013	1,539.990	0.019
28.797	0.55105	0.00018	1,540.014	0.024
30.263	0.55113	0.00008	1,540.025	0.011
31.800	0.55121	0.00008	1,540.035	0.010
33.408	0.55121	0.00000	1,540.035	0.000
35.088	0.55121	0.00000	1,540.035	0.000
36.876	0.55124	0.00003	1,540.038	0.003
38.734	0.56006	0.00883	1,540.950	0.911

Sample: Micro-Mesopore Isotherm Example
 Operator: Chemist
 Submitter: Particle Technology Labs
 File: R:\3Flex\data\Website examples 2022\Micro-Mesopore Isotherm.SMP

Started: 5/17/2018 2:22:53 PM	Analysis adsorptive: N2
Completed: 5/18/2018 10:57:09 AM	Analysis bath temp.: 77.200 K
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Sample mass: 0.2070 g	Ambient free space: 20.4961 cm ³ Measured
Analysis free space: 62.7339 cm ³	Equilibration interval: 20 to 30 s
Low pressure dose: 0.5000 cm ³ /g STP	Sample density: 1.000 g/cm ³
Automatic degas: No	

Comments: Material Name Client ID PTL Project# PTL ID

Porosity Distribution by Invalid
 Model: N2 - Cylindrical Pores - Oxide Surface
 Method: Non-negative Regularization: 0.01000
 Standard Deviation of Fit: 2.98231 cm³/g STP

Isotherm Table

Relative Pressure (p/p ^o)	Experimental Quantity Adsorbed (cm ³ /g STP)	Fitted Quantity Adsorbed (cm ³ /g STP)	Absolute Residual (cm ³ /g STP)	Relative Residual
0.000000025	1.0387	0.5133	0.5255	0.505868
0.000000032	1.1271	0.6060	0.5211	0.462354
0.000000040	1.2378	0.7227	0.5151	0.416162
0.000000050	1.3763	0.8697	0.5066	0.368099
0.000000063	1.5489	1.0550	0.4940	0.318904
0.000000079	1.7633	1.2887	0.4746	0.269146
0.000000100	2.0351	1.6936	0.3415	0.167802
0.000000126	2.3866	2.2407	0.1459	0.061151
0.000000158	2.8070	2.9897	-0.1827	-0.065093
0.000000200	3.3265	3.8598	-0.5333	-0.160323
0.000000251	3.9666	4.7161	-0.7495	-0.188944
0.000000316	4.7523	5.5618	-0.8096	-0.170353
0.000000398	5.7130	6.4546	-0.7416	-0.129803
0.000000501	6.8849	7.4302	-0.5453	-0.079199
0.000000631	8.3152	8.9062	-0.5910	-0.071081
0.000000794	10.0733	10.4366	-0.3633	-0.036065
0.000001000	12.2772	12.2509	0.0263	0.002140
0.000001259	15.0538	15.3599	-0.3060	-0.020328
0.000001585	18.4405	17.6056	0.8348	0.045272
0.000001995	22.4136	22.0402	0.3734	0.016661
0.000002512	26.7468	25.5093	1.2375	0.046268
0.000003162	31.3044	31.3344	-0.0299	-0.000956
0.000003981	36.3098	36.2849	0.0249	0.000687
0.000005012	41.7903	42.7155	-0.9251	-0.022138
0.000006310	47.5720	48.2235	-0.6515	-0.013695
0.000007943	53.4833	53.0006	0.4827	0.009025
0.000010000	59.6828	60.5206	-0.8378	-0.014038
0.000012589	66.3723	65.4644	0.9078	0.013678
0.000015849	73.3290	73.7263	-0.3973	-0.005418
0.000019953	80.1384	79.1808	0.9575	0.011949
0.000025119	87.2284	87.7453	-0.5169	-0.005926
0.000031623	94.1668	93.5777	0.5891	0.006256
0.000039811	100.9450	102.0606	-1.1155	-0.011051

Sample: Micro-Mesopore Isotherm Example
 Operator: Chemist
 Submitter: Particle Technology Labs
 File: R:\3Flex\data\Website examples 2022\Micro-Mesopore Isotherm.SMP

Started: 5/17/2018 2:22:53 PM
 Completed: 5/18/2018 10:57:09 AM
 Report time: 12/21/2022 4:39:55 PM
 Sample mass: 0.2070 g
 Analysis free space: 62.7339 cm³
 Low pressure dose: 0.5000 cm³/g STP
 Automatic degas: No

Analysis adsorptive: N2
 Analysis bath temp.: 77.200 K
 Thermal correction: No
 Ambient free space: 20.4961 cm³ Measured
 Equilibration interval: 20 to 30 s
 Sample density: 1.000 g/cm³

Comments: Material Name Client ID PTL Project# PTL ID

Isotherm Table				
Relative Pressure (p/p°)	Experimental Quantity Adsorbed (cm ³ /g STP)	Fitted Quantity Adsorbed (cm ³ /g STP)	Absolute Residual (cm ³ /g STP)	Relative Residual
0.000050119	107.9822	108.3712	-0.3891	-0.003603
0.000063096	114.9752	116.2030	-1.2278	-0.010679
0.000079433	121.8992	122.8160	-0.9168	-0.007521
0.000100000	128.9409	129.7151	-0.7743	-0.006005
0.000125892	135.8745	136.0739	-0.1994	-0.001467
0.000158490	142.8340	142.4230	0.4110	0.002877
0.000199526	149.8910	148.5649	1.3262	0.008848
0.000251188	156.8011	154.7949	2.0063	0.012795
0.000316228	163.6444	161.2058	2.4386	0.014902
0.000398107	170.5673	169.0388	1.5285	0.008961
0.000501187	177.4236	177.5653	-0.1417	-0.000799
0.000630958	184.1560	184.8395	-0.6835	-0.003711
0.000794328	190.9153	191.9946	-1.0793	-0.005653
0.001000000	197.6633	198.5762	-0.9129	-0.004618
0.001258925	204.2152	205.2090	-0.9938	-0.004867
0.001584895	210.7450	211.5498	-0.8048	-0.003819
0.001995263	217.2856	217.9694	-0.6838	-0.003147
0.002511882	223.6267	223.9754	-0.3487	-0.001559
0.003162276	229.9030	230.2027	-0.2997	-0.001304
0.003981066	236.1625	236.0628	0.0997	0.000422
0.005011868	242.1749	241.8116	0.3633	0.001500
0.006309579	248.1424	247.5287	0.6137	0.002473
0.007943276	254.1429	253.1983	0.9446	0.003717
0.010000000	260.1558	258.8976	1.2582	0.004837
0.012355640	265.0585	264.3577	0.7008	0.002644
0.015186320	270.0114	270.1127	-0.1014	-0.000375
0.018485530	275.0889	275.3715	-0.2826	-0.001027
0.022294740	279.8925	280.1112	-0.2187	-0.000781
0.026653420	283.8787	284.3771	-0.4984	-0.001756
0.031598160	287.8007	288.3320	-0.5313	-0.001846
0.037162240	291.9341	292.0258	-0.0917	-0.000314
0.043374470	295.9700	295.7360	0.2341	0.000791
0.050259210	299.4258	299.2577	0.1681	0.000561
0.057835260	302.6946	302.7752	-0.0806	-0.000266
0.066115920	306.1199	306.2409	-0.1210	-0.000395
0.075109080	309.4030	309.3033	0.0997	0.000322
0.084815920	312.3582	312.4470	-0.0888	-0.000284
0.095232370	315.3280	315.4336	-0.1056	-0.000335

Sample: Micro-Mesopore Isotherm Example
 Operator: Chemist
 Submitter: Particle Technology Labs
 File: R:\3Flex\data\Website examples 2022\Micro-Mesopore Isotherm.SMP

Started: 5/17/2018 2:22:53 PM
 Completed: 5/18/2018 10:57:09 AM
 Report time: 12/21/2022 4:39:55 PM
 Sample mass: 0.2070 g
 Analysis free space: 62.7339 cm³
 Low pressure dose: 0.5000 cm³/g STP
 Automatic degas: No

Analysis adsorptive: N2
 Analysis bath temp.: 77.200 K
 Thermal correction: No
 Ambient free space: 20.4961 cm³ Measured
 Equilibration interval: 20 to 30 s
 Sample density: 1.000 g/cm³

Comments: Material Name Client ID PTL Project# PTL ID

Isotherm Table				
Relative Pressure (p/p°)	Experimental Quantity Adsorbed (cm ³ /g STP)	Fitted Quantity Adsorbed (cm ³ /g STP)	Absolute Residual (cm ³ /g STP)	Relative Residual
0.106348200	318.0866	318.1064	-0.0198	-0.000062
0.118147500	320.8244	320.7711	0.0533	0.000166
0.130609100	323.3934	323.4040	-0.0106	-0.000033
0.143706600	325.8816	325.9304	-0.0487	-0.000150
0.157410500	328.3114	328.2800	0.0314	0.000096
0.171685500	330.7215	330.8044	-0.0829	-0.000251
0.186492100	333.0414	332.9543	0.0870	0.000261
0.201792100	335.2642	335.3381	-0.0739	-0.000220
0.217539500	337.4066	337.3774	0.0292	0.000087
0.233689500	339.4279	339.3551	0.0728	0.000215
0.250196100	341.3643	341.4899	-0.1256	-0.000368
0.267011800	343.3152	343.2474	0.0679	0.000198
0.284089500	345.2270	345.2134	0.0136	0.000039
0.301380300	347.0083	347.0770	-0.0688	-0.000198
0.318838200	348.7590	348.6921	0.0669	0.000192
0.336417100	350.4597	350.4686	-0.0089	-0.000025
0.354071100	352.0815	352.0928	-0.0113	-0.000032
0.371757900	353.6448	353.6377	0.0071	0.000020
0.389435500	355.1525	355.1578	-0.0053	-0.000015
0.407065800	356.5953	356.5912	0.0041	0.000012
0.424610500	357.9992	357.9995	-0.0003	-0.000001
0.442034200	359.3707	359.3737	-0.0030	-0.000008
0.459305300	360.7162	360.7066	0.0097	0.000027
0.476393400	362.0395	362.0652	-0.0257	-0.000071
0.493271100	363.3084	363.5053	-0.1969	-0.000542
0.509911800	364.5029	364.2867	0.2162	0.000593
0.526293400	365.6544	365.6369	0.0175	0.000048
0.542394700	366.7849	366.8091	-0.0242	-0.000066
0.558200000	367.9117	368.1189	-0.2072	-0.000563
0.573690800	369.0298	368.8123	0.2175	0.000589
0.588853900	370.1181	370.1160	0.0022	0.000006
0.603677600	371.1572	371.3332	-0.1760	-0.000474
0.618153900	372.1365	371.9641	0.1724	0.000463
0.632272400	373.0763	373.0670	0.0093	0.000025
0.646028900	373.9988	374.0091	-0.0104	-0.000028
0.659417100	374.9138	375.0758	-0.1620	-0.000432
0.672435500	375.8077	375.6428	0.1649	0.000439
0.685081600	376.6798	376.6766	0.0031	0.000008

Sample: Micro-Mesopore Isotherm Example
 Operator: Chemist
 Submitter: Particle Technology Labs
 File: R:\3Flex\data\Website examples 2022\Micro-Mesopore Isotherm.SMP

Started: 5/17/2018 2:22:53 PM
 Completed: 5/18/2018 10:57:09 AM
 Report time: 12/21/2022 4:39:55 PM
 Sample mass: 0.2070 g
 Analysis free space: 62.7339 cm³
 Low pressure dose: 0.5000 cm³/g STP
 Automatic degas: No

Analysis adsorptive: N2
 Analysis bath temp.: 77.200 K
 Thermal correction: No
 Ambient free space: 20.4961 cm³ Measured
 Equilibration interval: 20 to 30 s
 Sample density: 1.000 g/cm³

Comments: Material Name Client ID PTL Project# PTL ID

Isotherm Table				
Relative Pressure (p/p°)	Experimental Quantity Adsorbed (cm ³ /g STP)	Fitted Quantity Adsorbed (cm ³ /g STP)	Absolute Residual (cm ³ /g STP)	Relative Residual
0.697355300	377.5299	377.5315	-0.0015	-0.000004
0.709256600	378.3621	378.3648	-0.0028	-0.000007
0.720789500	379.1792	379.3190	-0.1398	-0.000369
0.731953900	379.9772	379.8359	0.1412	0.000372
0.742756600	380.7528	380.7516	0.0012	0.000003
0.753200000	381.5039	381.5049	-0.0010	-0.000003
0.763289500	382.2375	382.2388	-0.0014	-0.000004
0.773030300	382.9577	383.0686	-0.1109	-0.000290
0.782430300	383.6669	383.5553	0.1115	0.000291
0.791496100	384.3668	384.3661	0.0006	0.000002
0.800232900	385.0587	385.0599	-0.0012	-0.000003
0.808648700	385.7598	385.7600	-0.0003	-0.000001
0.816752600	386.4643	386.4641	0.0002	0.000000
0.824552600	387.1539	387.1548	-0.0009	-0.000002
0.832053900	387.8231	387.9224	-0.0993	-0.000256
0.839267100	388.4763	388.3766	0.0997	0.000257
0.846200000	389.1146	389.1145	0.0001	0.000000
0.852860500	389.7421	389.7427	-0.0006	-0.000002
0.859257900	390.3710	390.3711	-0.0001	-0.000000
0.865398700	390.9930	390.9933	-0.0003	-0.000001
0.871292100	391.5993	391.5994	-0.0001	-0.000000
0.876947400	392.1878	392.1881	-0.0003	-0.000001
0.882369700	392.7764	392.7765	-0.0001	-0.000000
0.887569700	393.3599	393.3602	-0.0003	-0.000001
0.892553900	393.9308	393.9622	-0.0314	-0.000080
0.897328900	394.4832	394.4517	0.0314	0.000080
0.901905300	395.0250	395.0252	-0.0001	-0.000000
0.906286800	395.5906	395.5909	-0.0002	-0.000001
0.910484200	396.1682	396.1682	-0.0000	-0.000000
0.914501300	396.7436	396.7438	-0.0002	-0.000000
0.918347400	397.3066	397.2926	0.0140	0.000035
0.922026300	397.8485	397.8370	0.0115	0.000029
0.925547400	398.3793	398.4029	-0.0236	-0.000059
0.928915800	398.9555	398.9607	-0.0052	-0.000013
0.932136800	399.5668	404.2546	-4.6878	-0.011732
0.935218400	400.1979	404.8186	-4.6208	-0.011546
0.938163200	400.8357	405.3576	-4.5218	-0.011281
0.940978900	401.4707	405.9287	-4.4580	-0.011104

Sample: Micro-Mesopore Isotherm Example
 Operator: Chemist
 Submitter: Particle Technology Labs
 File: R:\3Flex\data\Website examples 2022\Micro-Mesopore Isotherm.SMP

Started: 5/17/2018 2:22:53 PM
 Completed: 5/18/2018 10:57:09 AM
 Report time: 12/21/2022 4:39:55 PM
 Sample mass: 0.2070 g
 Analysis free space: 62.7339 cm³
 Low pressure dose: 0.5000 cm³/g STP
 Automatic degas: No

Analysis adsorptive: N2
 Analysis bath temp.: 77.200 K
 Thermal correction: No
 Ambient free space: 20.4961 cm³ Measured
 Equilibration interval: 20 to 30 s
 Sample density: 1.000 g/cm³

Comments: Material Name Client ID PTL Project# PTL ID

Isotherm Table				
Relative Pressure (p/p ^o)	Experimental Quantity Adsorbed (cm ³ /g STP)	Fitted Quantity Adsorbed (cm ³ /g STP)	Absolute Residual (cm ³ /g STP)	Relative Residual
0.943669700	402.0948	406.5750	-4.4802	-0.011142
0.946242100	402.7020	407.1927	-4.4907	-0.011151
0.948700000	403.3187	407.7827	-4.4641	-0.011068
0.951048700	404.0636	408.4256	-4.3620	-0.010795
0.953292100	404.9036	409.1333	-4.2296	-0.010446
0.955435500	405.7965	409.8093	-4.0128	-0.009889
0.957482900	406.7081	410.4550	-3.7469	-0.009213
0.959438200	407.6117	411.0716	-3.4599	-0.008488
0.961305300	408.4867	411.8166	-3.3299	-0.008152
0.963088200	409.3901	412.5922	-3.2021	-0.007822
0.964789500	410.4221	413.3323	-2.9101	-0.007091
0.966414500	411.5415	414.0391	-2.4976	-0.006069
0.967965800	412.7110	414.7138	-2.0029	-0.004853
0.969447400	413.9015	415.3582	-1.4567	-0.003519
0.970860500	415.0881	416.2377	-1.1496	-0.002769
0.972209200	416.2534	417.2394	-0.9860	-0.002369
0.973496100	417.4628	418.1953	-0.7325	-0.001755
0.974725000	418.8277	419.1080	-0.2803	-0.000669
0.975897400	420.3103	419.9788	0.3316	0.000789
0.977015800	421.8778	420.8094	1.0684	0.002532
0.978082900	423.5029	421.6019	1.9010	0.004489
0.979101300	425.1633	422.3582	2.8050	0.006597
0.980072400	426.8387	423.0779	3.7608	0.008811
0.980998700	428.5144	423.7461	4.7683	0.011128
0.981882900	430.1968	424.3839	5.8129	0.013512
0.982726300	431.9166	424.9923	6.9243	0.016032
0.983530300	433.6953	425.5722	8.1231	0.018730
0.984297400	435.5490	426.1255	9.4235	0.021636
0.985028900	437.4853	428.3082	9.1771	0.020977
0.985727600	439.5111	430.3930	9.1181	0.020746
0.986392100	441.6170	432.3758	9.2413	0.020926
0.987027600	443.8117	434.2720	9.5397	0.021495
0.987632900	446.0012	436.0781	9.9231	0.022249
0.988209200	448.0860	439.5826	8.5034	0.018977
0.988760500	450.0804	445.9315	4.1489	0.009218
0.989285500	451.9797	451.9775	0.0021	0.000005
0.989785500	453.7885	457.7356	-3.9471	-0.008698
0.990263200	455.5166	466.3739	-10.8573	-0.023835

Sample: Micro-Mesopore Isotherm Example
 Operator: Chemist
 Submitter: Particle Technology Labs
 File: R:\3Flex\data\Website examples 2022\Micro-Mesopore Isotherm.SMP

Started: 5/17/2018 2:22:53 PM	Analysis adsorptive: N2
Completed: 5/18/2018 10:57:09 AM	Analysis bath temp.: 77.200 K
Report time: 12/21/2022 4:39:55 PM	Thermal correction: No
Sample mass: 0.2070 g	Ambient free space: 20.4961 cm ³ Measured
Analysis free space: 62.7339 cm ³	Equilibration interval: 20 to 30 s
Low pressure dose: 0.5000 cm ³ /g STP	Sample density: 1.000 g/cm ³
Automatic degas: No	

Comments: Material Name Client ID PTL Project# PTL ID

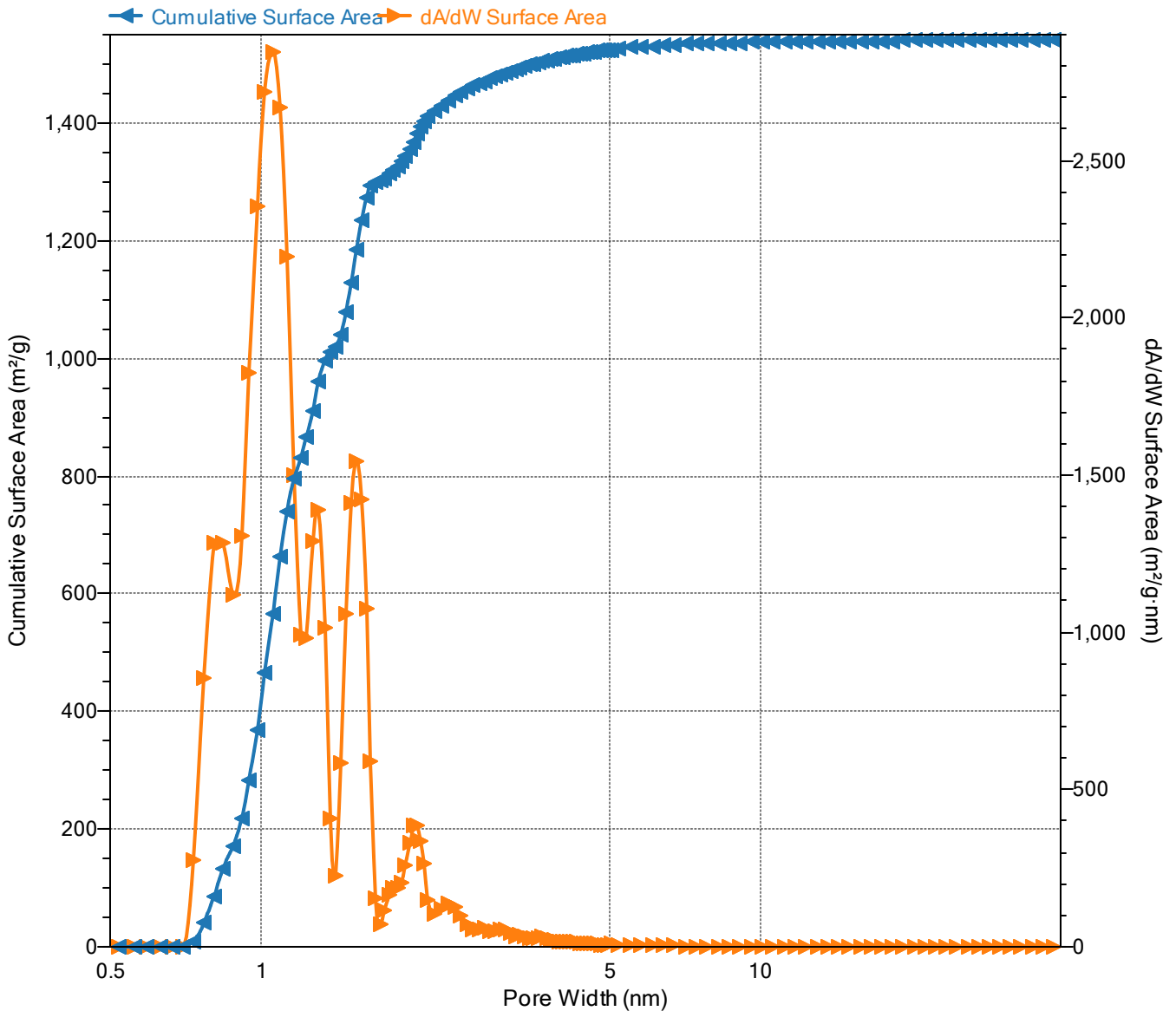
Isotherm Table				
Relative Pressure (p/p°)	Experimental Quantity Adsorbed (cm ³ /g STP)	Fitted Quantity Adsorbed (cm ³ /g STP)	Absolute Residual (cm ³ /g STP)	Relative Residual
0.990718400	457.1634	477.0414	-19.8781	-0.043481

Sample: Micro-Mesopore Isotherm Example
 Operator: Chemist
 Submitter: Particle Technology Labs
 File: R:\3Flex\data\Website examples 2022\Micro-Mesopore Isotherm.SMP

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Comments: Material Name Client ID PTL Project# PTL ID

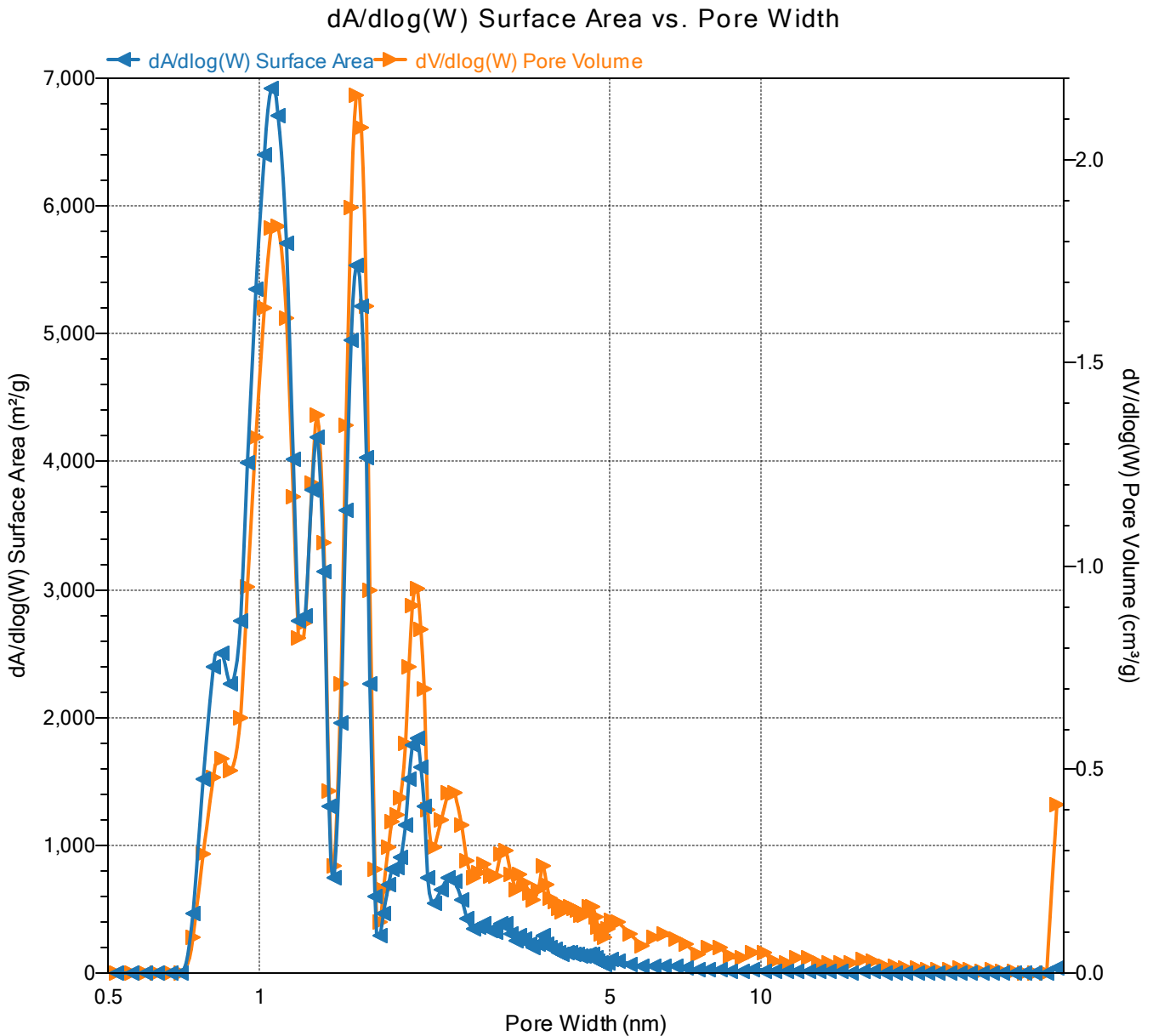
Cumulative Surface Area vs. Pore Width



Sample: Micro-Mesopore Isotherm Example
 Operator: Chemist
 Submitter: Particle Technology Labs
 File: R:\3Flex\data\Website examples 2022\Micro-Mesopore Isotherm.SMP

Started: 5/17/2018 2:22:53 PM	Analysis adsorptive: N2
Completed: 5/18/2018 10:57:09 AM	Analysis bath temp.: 77.200 K
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Automatic degas: No	

Comments: Material Name Client ID PTL Project# PTL ID

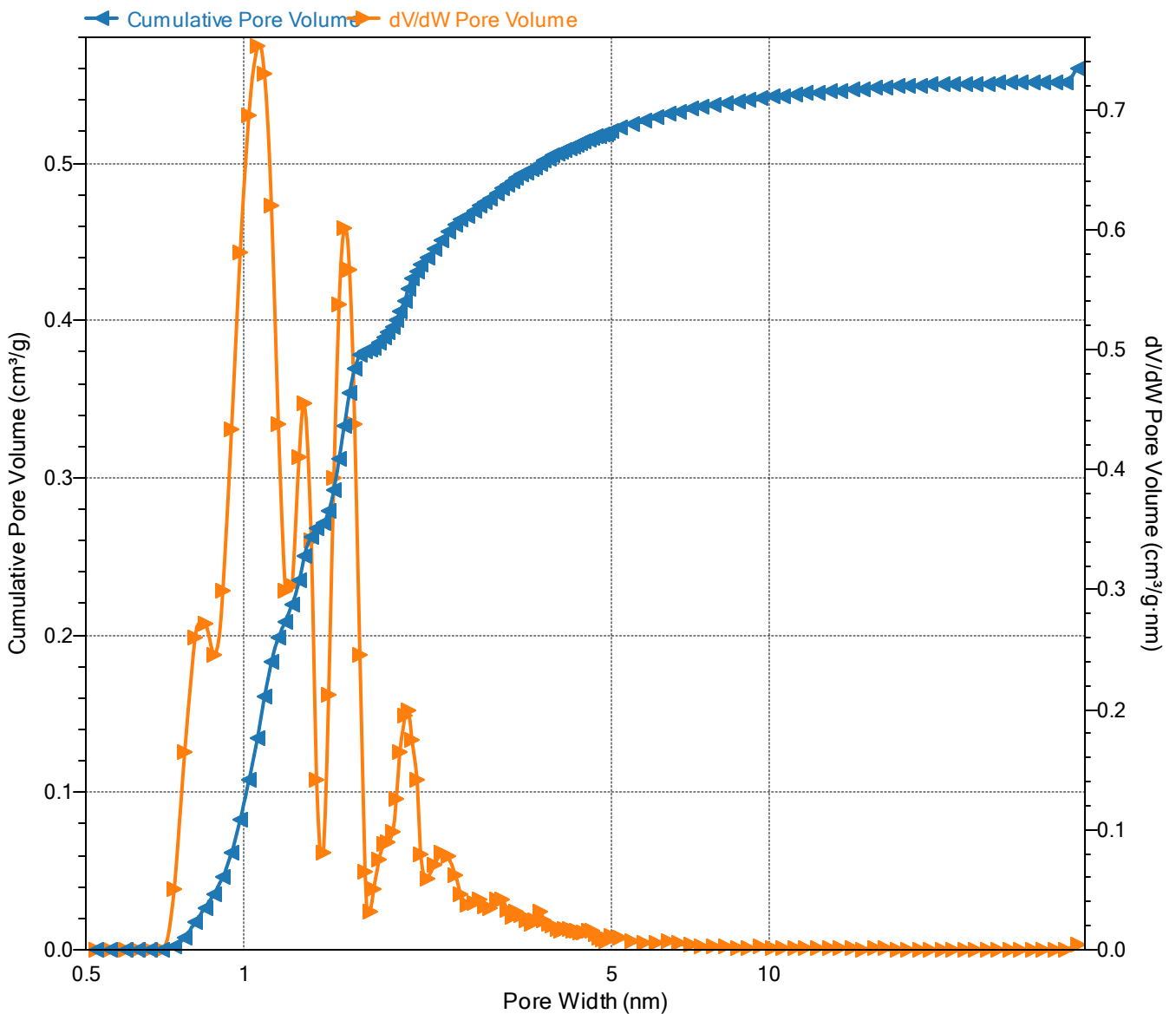


Sample: Micro-Mesopore Isotherm Example
 Operator: Chemist
 Submitter: Particle Technology Labs
 File: R:\3Flex\data\Website examples 2022\Micro-Mesopore Isotherm.SMP

Started: 5/17/2018 2:22:53 PM	Analysis adsorptive: N2
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Automatic degas: No	

Comments: Material Name Client ID PTL Project# PTL ID

Cumulative Pore Volume vs. Pore Width



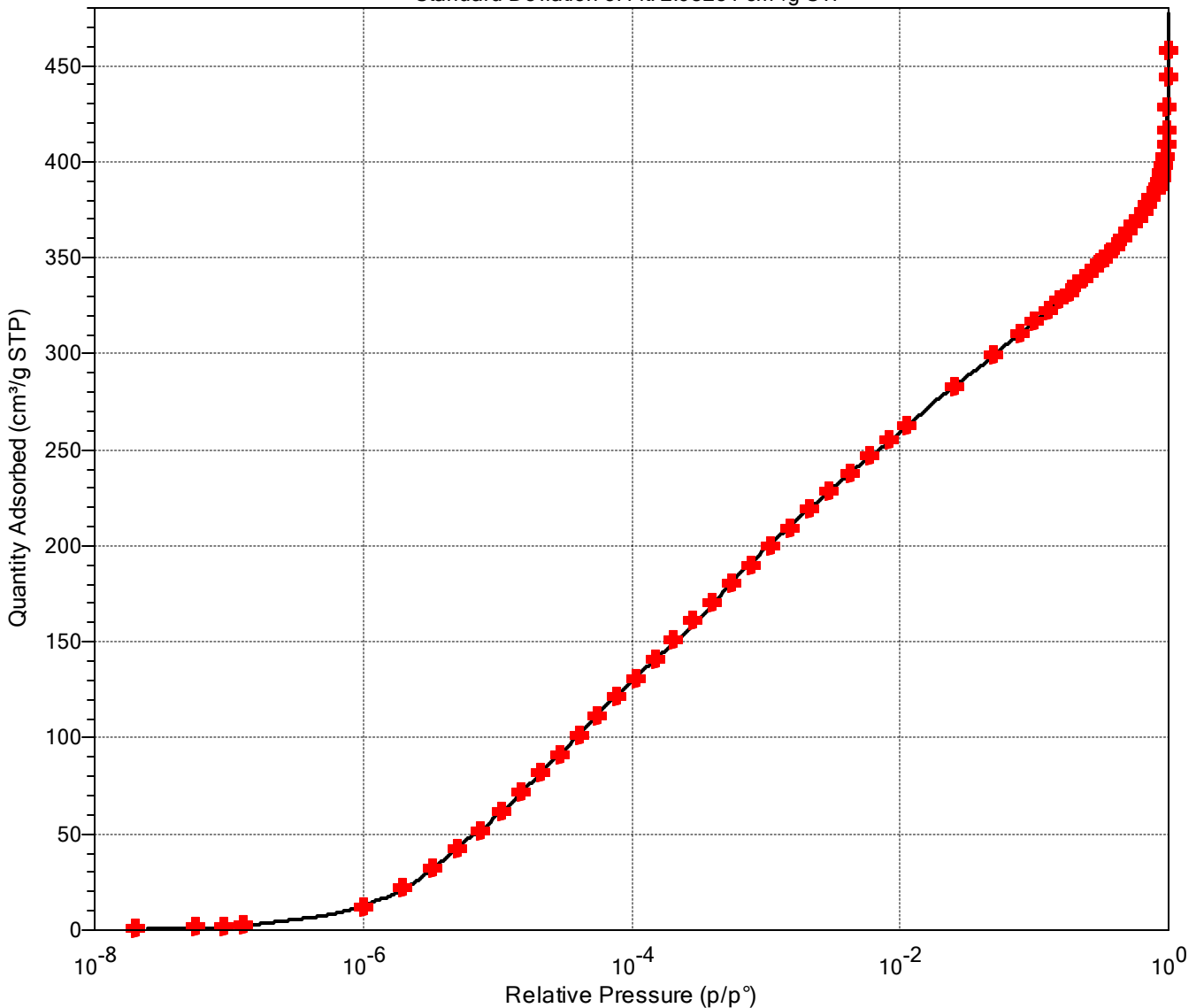
Sample: Micro-Mesopore Isotherm Example
 Operator: Chemist
 Submitter: Particle Technology Labs
 File: R:\3Flex\data\Website examples 2022\Micro-Mesopore Isotherm.SMP

Started: 5/17/2018 2:22:53 PM	Analysis adsorptive: N2
Completed: 5/18/2018 10:57:09 AM	Analysis bath temp.: 77.200 K
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Analysis free space: 62.7339 cm ³	Equilibration interval: 20 to 30 s
Low pressure dose: 0.5000 cm ³ /g STP	Sample density: 1.000 g/cm ³
Automatic degas: No	

Comments: Material Name Client ID PTL Project # PTL ID

Goodness of Fit

Standard Deviation of Fit: 2.98231 cm³/g STP



Sample: Micro-Mesopore Isotherm Example
 Operator: Chemist
 Submitter: Particle Technology Labs
 File: R:\3Flex\data\Website examples 2022\Micro-Mesopore Isotherm.SMP

Started: 5/17/2018 2:22:53 PM	Analysis adsorptive: N2
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Comments: Material Name Client ID PTL Project# PTL ID

Goodness of Fit

Standard Deviation of Fit: 2.98231 cm³/g STP

