

Sample: 25070161830-5

Operator: □ □ □ □ □

Submitter:

File: E:\TXG\25070161830-1\25070161830-5.SMP

Started:	2025/7/9 13:53:50	Analysis adsorptive:	N2
Completed:	2025/7/9 17:06:11	Analysis bath temp.:	77.300 K
Report time:	2025/7/9 17:43:34	Thermal correction:	No
Sample mass:	0.0767 g	Ambient free space:	28.0378 cm ³ Measured
Analysis free space:	84.2730 cm ³	Equilibration interval:	10 s
Low pressure dose:	None	Sample density:	1.000 g/cm ³
Automatic degas:	No		

Summary Report

Surface Area

Single point surface area at $P/P_0 = 0.101275364$: 1,516.5489 m²/gBET Surface Area: 1,593.5368 m²/g

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Isotherm Tabular Report

Relative Pressure (P/Po)	Absolute Pressure (mmHg)	Quantity Adsorbed (cm ³ /g STP)	Elapsed Time (h:min)	Saturation Pressure (mmHg)
			00:50	753.860657
0.050397137	37.972145	348.1783	01:26	753.458374
0.075921359	57.186897	375.6747	01:40	753.238586
0.101275364	76.270233	387.6887	01:49	753.097595
0.128535655	96.789764	394.1486	01:56	753.018799
0.154664192	116.463921	397.9751	02:01	753.011536
0.178371829	134.304581	400.4368	02:06	752.947266
0.201784814	151.932068	402.2992	02:09	752.941040
0.226043069	170.188660	403.8263	02:12	752.903687
0.250816013	188.831207	405.1290	02:15	752.867432
0.275762989	207.620682	406.1941	02:17	752.895386
0.300682937	226.368774	407.1242	02:20	752.848755
0.325636497	245.149963	407.9588	02:22	752.833191
0.350451275	263.847351	408.6998	02:24	752.878845

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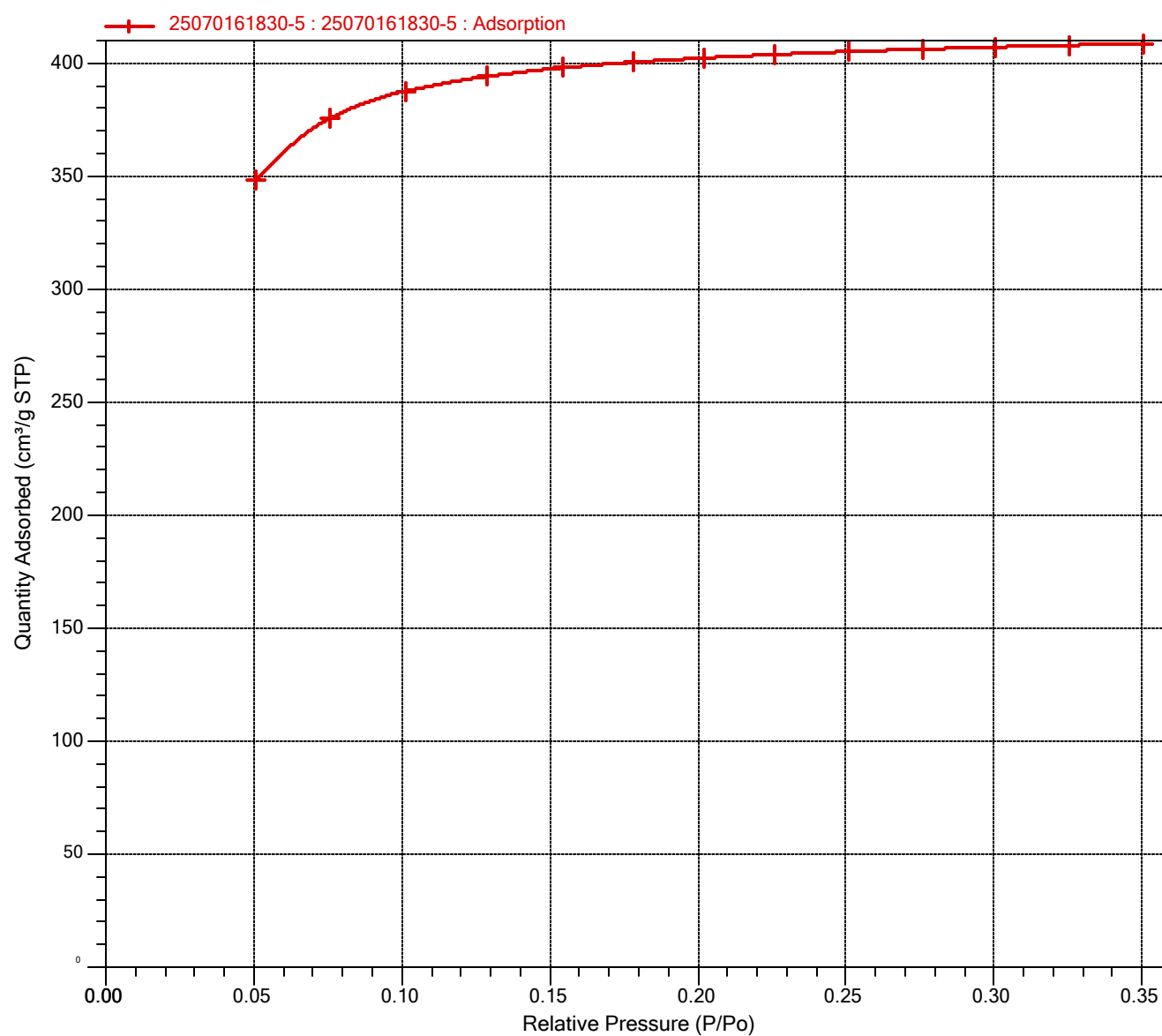
Operator: □ □ □ □ □

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Automatic degas:	No		

Isotherm Linear Plot



Sample: 25070161830-5

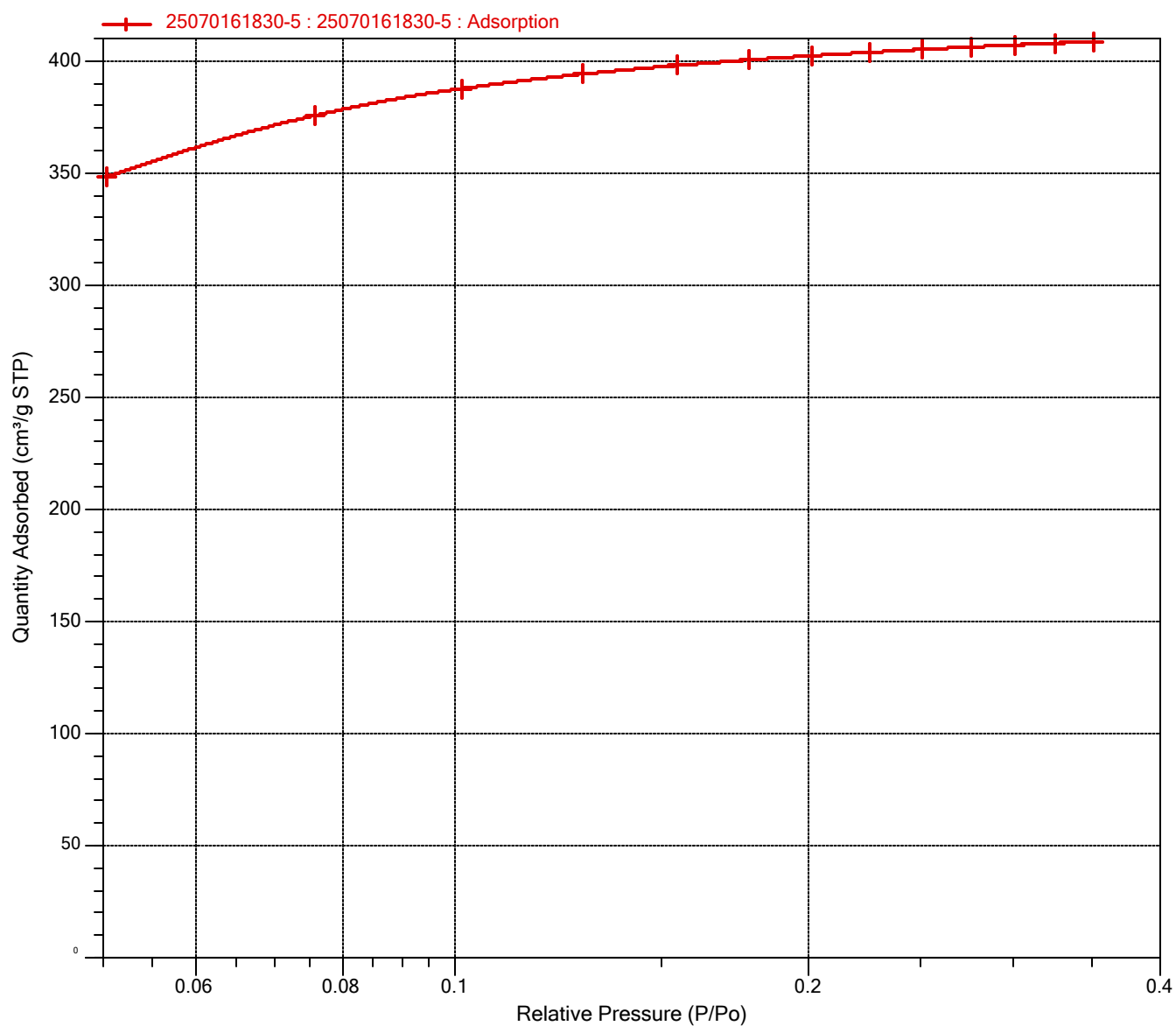
Operator: □ □ □ □ □

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Automatic degas:	No		

Isotherm Log Plot



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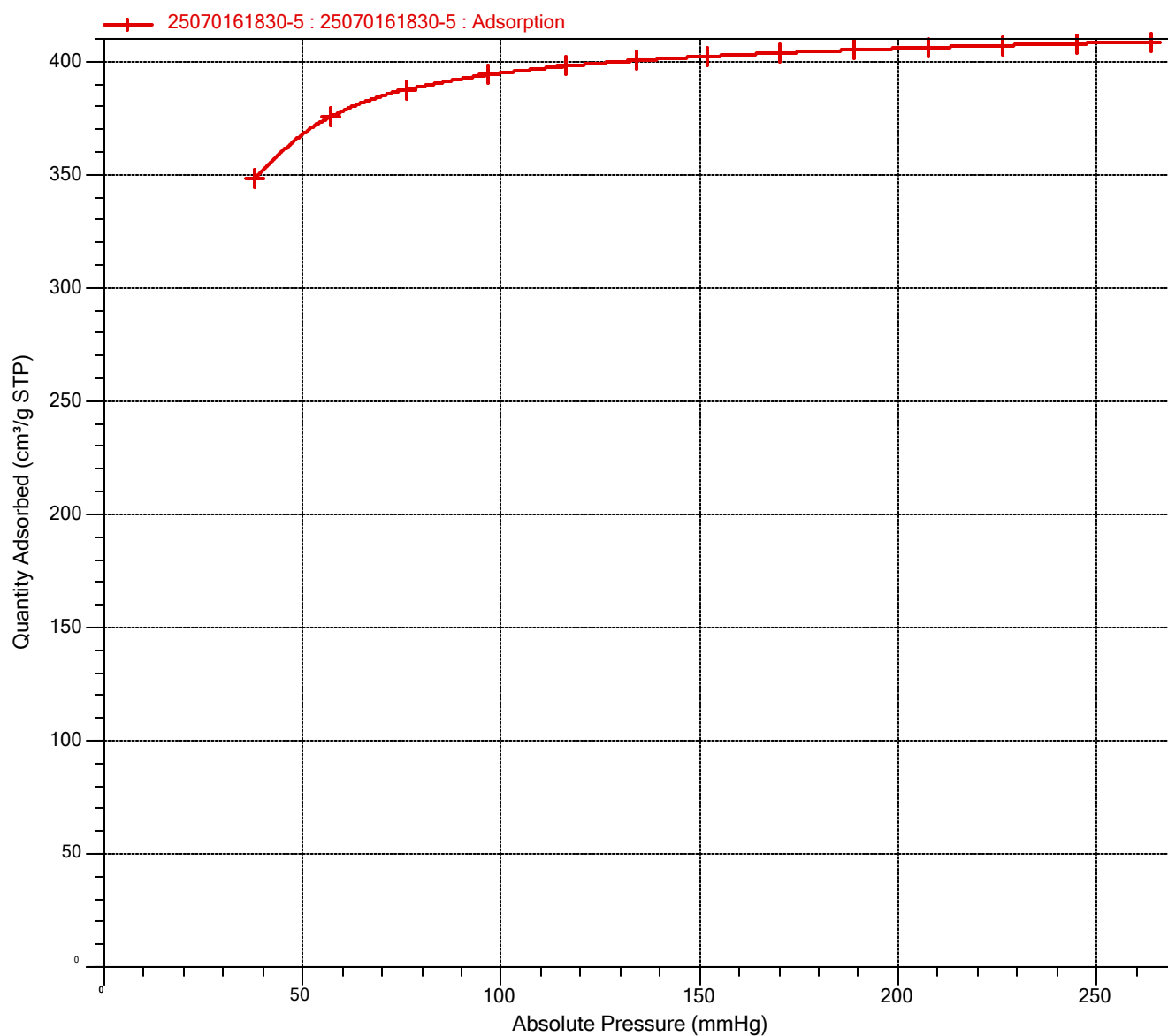
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File: E:\TXG\25070161830-5\25070161830-5.SMP

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Automatic degas:	No		

Isotherm Linear Absolute Plot



Sample: 25070161830-5

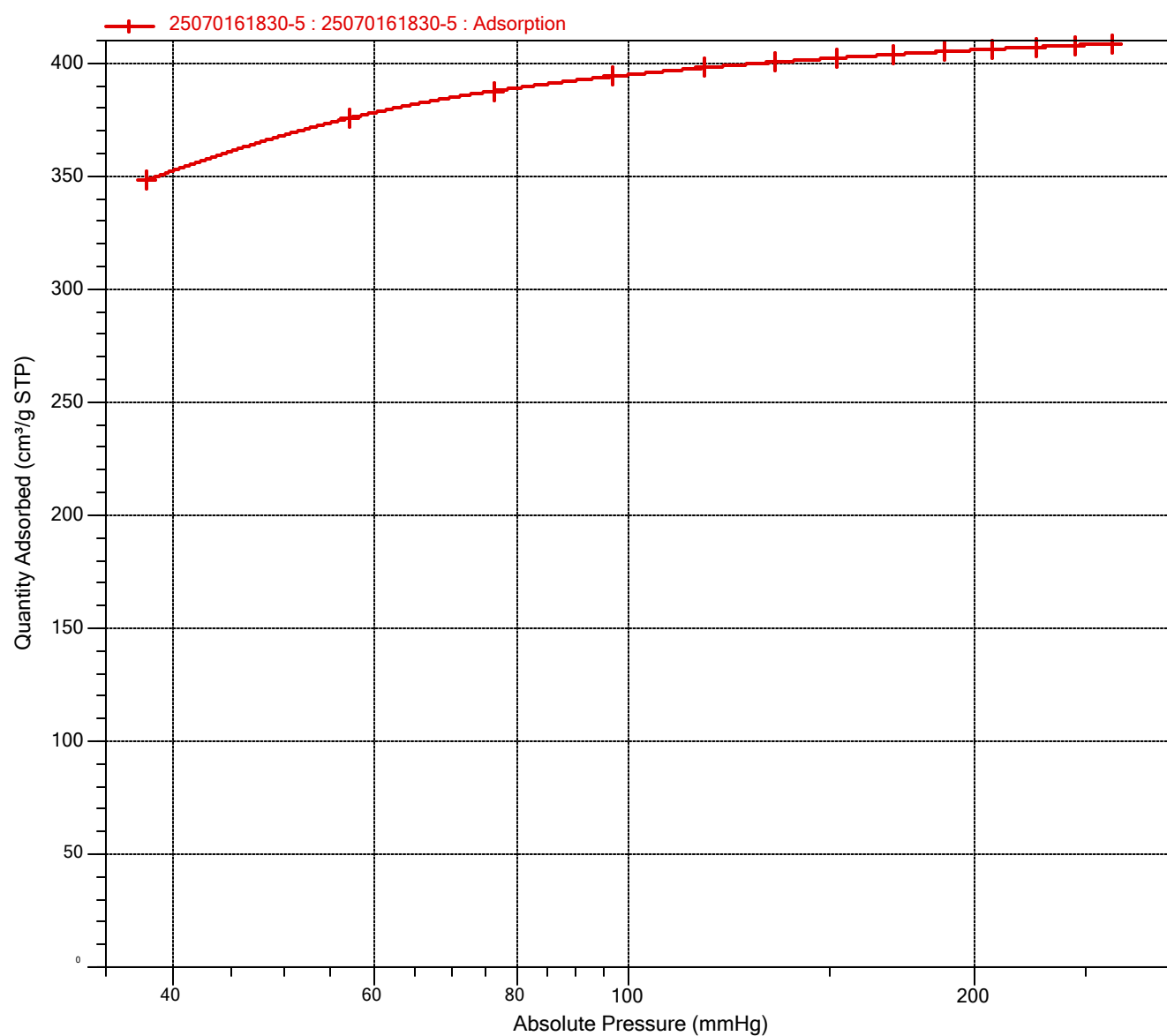
Operator: □ □ □ □ □

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Automatic degas:	No		

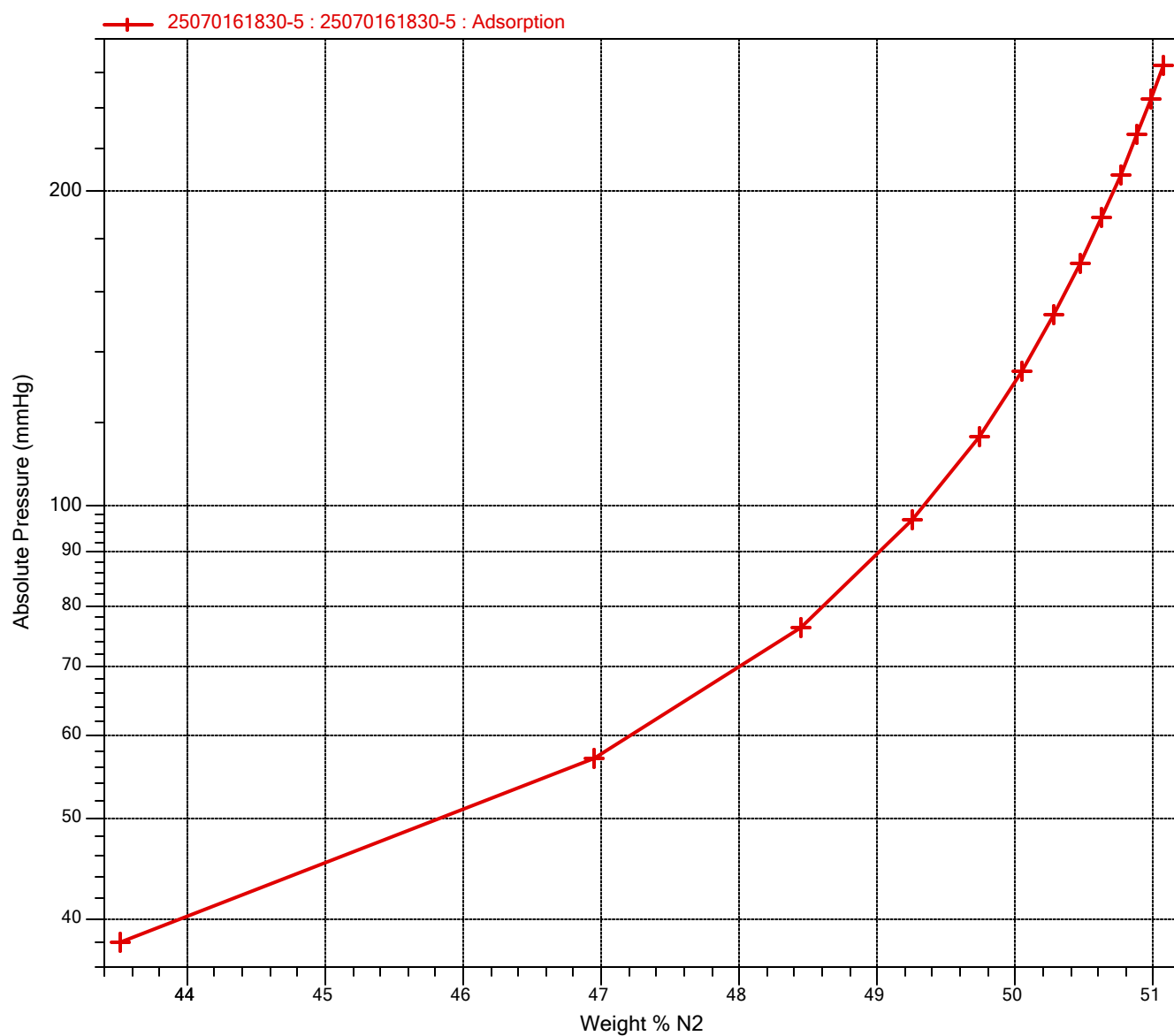
Isotherm Log Absolute Plot



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Isotherm Pressure Composition



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Automatic degas:	No		

BET Report

BET surface area: 1,593.5368 ± 40.9149 m²/g
Slope: 0.002717 ± 0.000070 g/cm³ STP
Y-intercept: 0.000014 ± 0.000005 g/cm³ STP
C: 188.646612
Qm: 366.1133 cm³/g STP
Correlation coefficient: 0.9996691
Molecular cross-sectional area: 0.1620 nm²

Relative Pressure (P/Po)	Quantity Adsorbed (cm ³ /g STP)	1/[Q(Po/P - 1)]
0.050397137	348.1783	0.000152
0.075921359	375.6747	0.000219
0.101275364	387.6887	0.000291

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Sample mass: 0.0767 g
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Low pressure dose: None
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Analysis adsorptive: N2
Analysis bath temp.: 77.300 K
Thermal correction: No
Ambient free space: 28.0378 cm³ Measured
Equilibration interval: 10 s
Sample density: 1.000 g/cm³

BET Surface Area Plot

