

Sample: 25061374653-EI3

Operator: □ □ □ □ □

Submitter:

File: E:\TXG\25061374653\25061374653-EI3.SMP

Started:	2025/6/17 9:36:15	Analysis adsorptive:	N2
Completed:	2025/6/17 12:27:49	Analysis bath temp.:	77.300 K
Report time:	2025/6/17 15:06:24	Thermal correction:	No
Sample mass:	0.0858 g	Ambient free space:	28.3799 cm ³ Measured
Analysis free space:	86.0166 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 $P/P_0 = 0.100272129$: 1,378.7271 m²/gBET Surface Area: 1,397.2031 m²/g

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Automatic degas:	No		

Isotherm Tabular Report

Relative Pressure (P/Po)	Absolute Pressure (mmHg)	Quantity Adsorbed (cm ³ /g STP)	Elapsed Time (h:min)	Saturation Pressure (mmHg)
			00:53	764.771301
0.050269324	38.442303	329.3538	01:19	764.726868
0.082442182	63.036549	346.2324	01:31	764.615234
0.100272129	76.663795	352.0631	01:37	764.557373
0.126577360	96.763092	358.6842	01:42	764.458130
0.151922604	116.123550	363.5953	01:47	764.359924
0.177571781	135.712051	367.6164	01:52	764.265869
0.201867278	154.294464	370.7464	01:56	764.336182
0.226624034	173.222565	373.3110	01:59	764.360962
0.251282393	192.067078	375.4128	02:02	764.347534
0.276140941	211.070496	377.1525	02:05	764.357849
0.300980433	230.060486	378.6327	02:08	764.370239
0.325643934	248.910187	379.9282	02:10	764.363037
0.350528592	267.932190	381.1042	02:12	764.366150

Sample: 25061374653-EI3

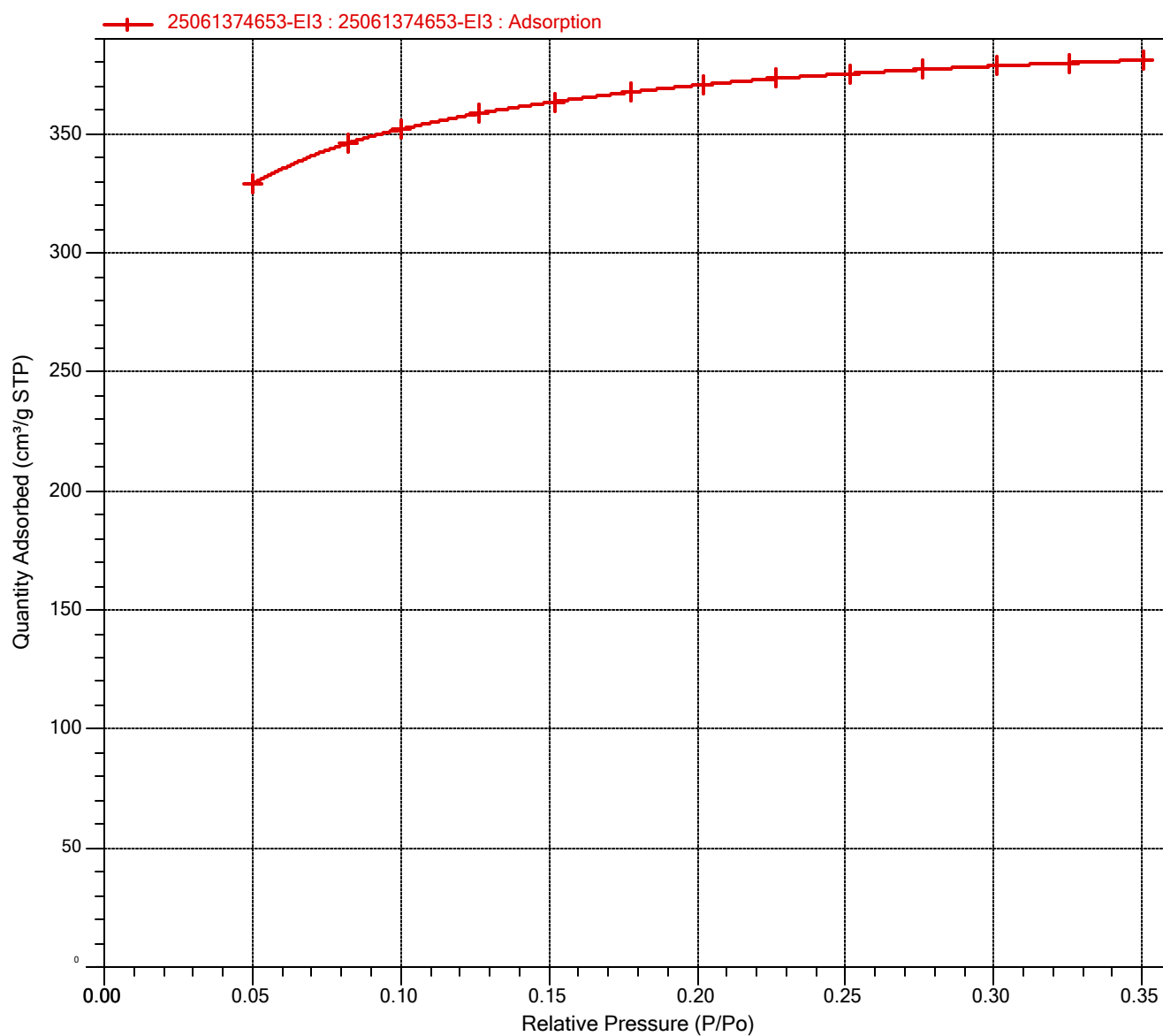
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Automatic degas:	No		

Isotherm Linear Plot



Sample: 25061374653-EI3

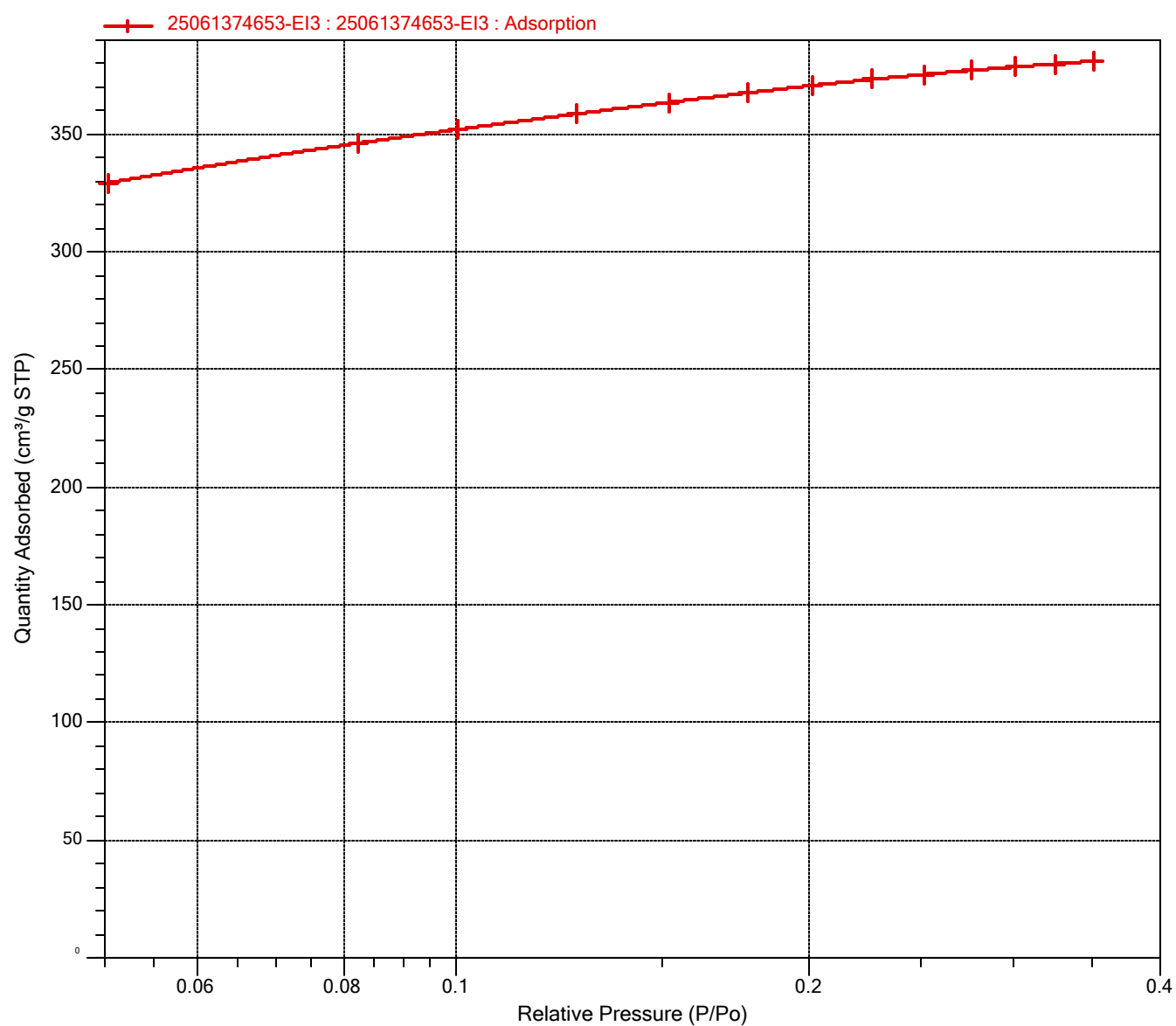
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Automatic degas:	No		

Isotherm Log Plot



Sample: 25061374653-EI3

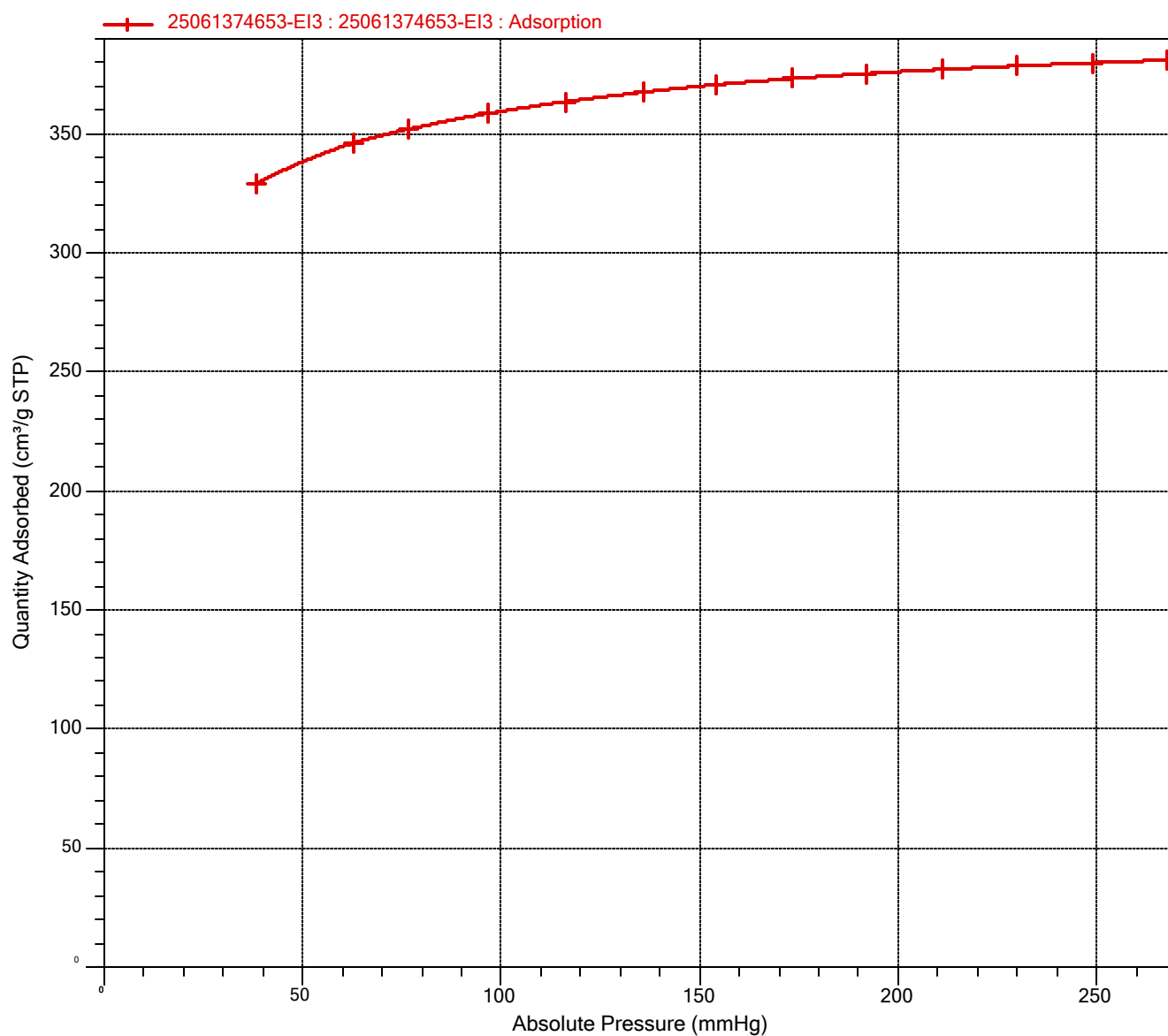
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Automatic degas:	No		

Isotherm Linear Absolute Plot



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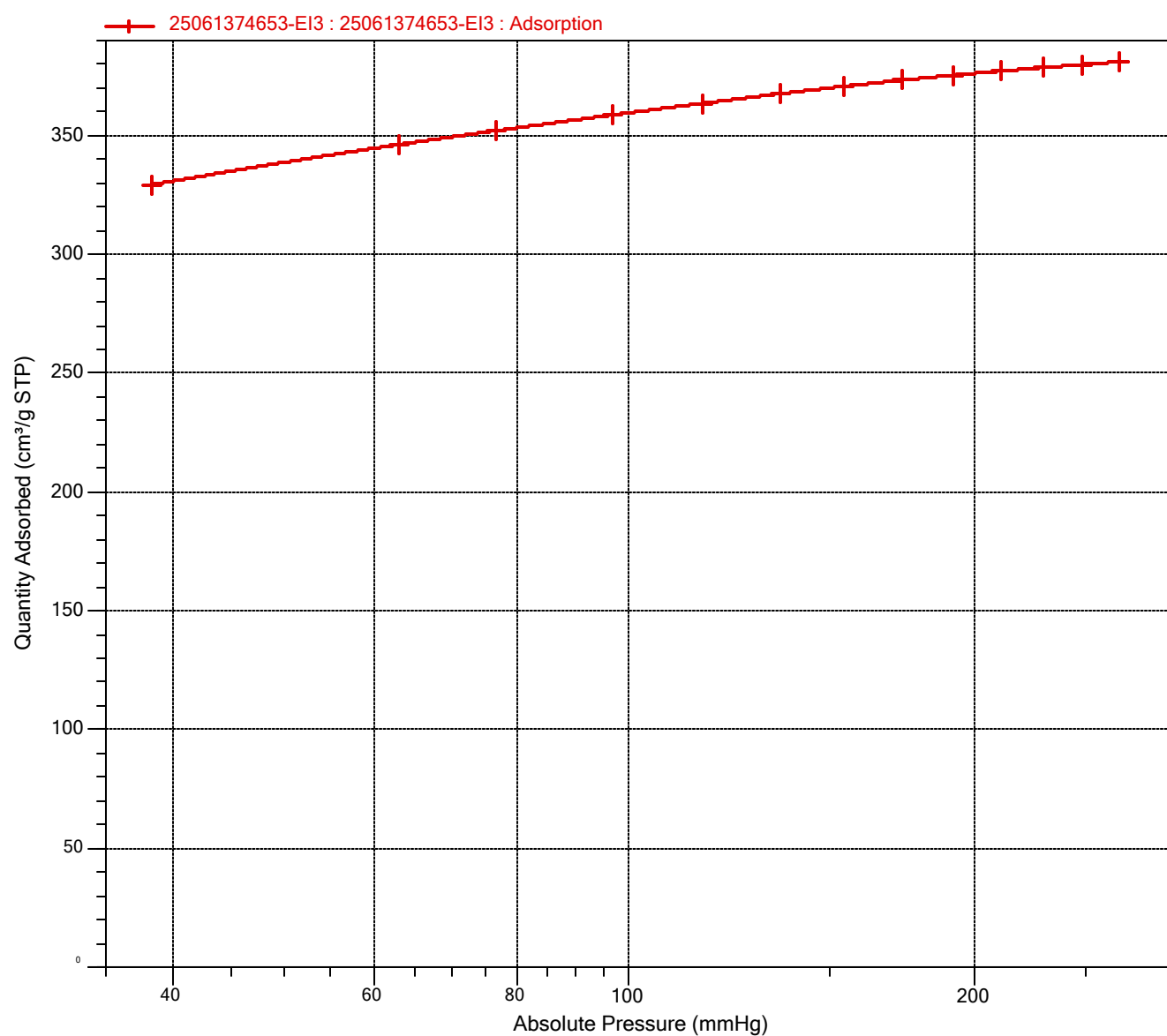
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Isotherm Log Absolute Plot



Sample: 25061374653-EI3

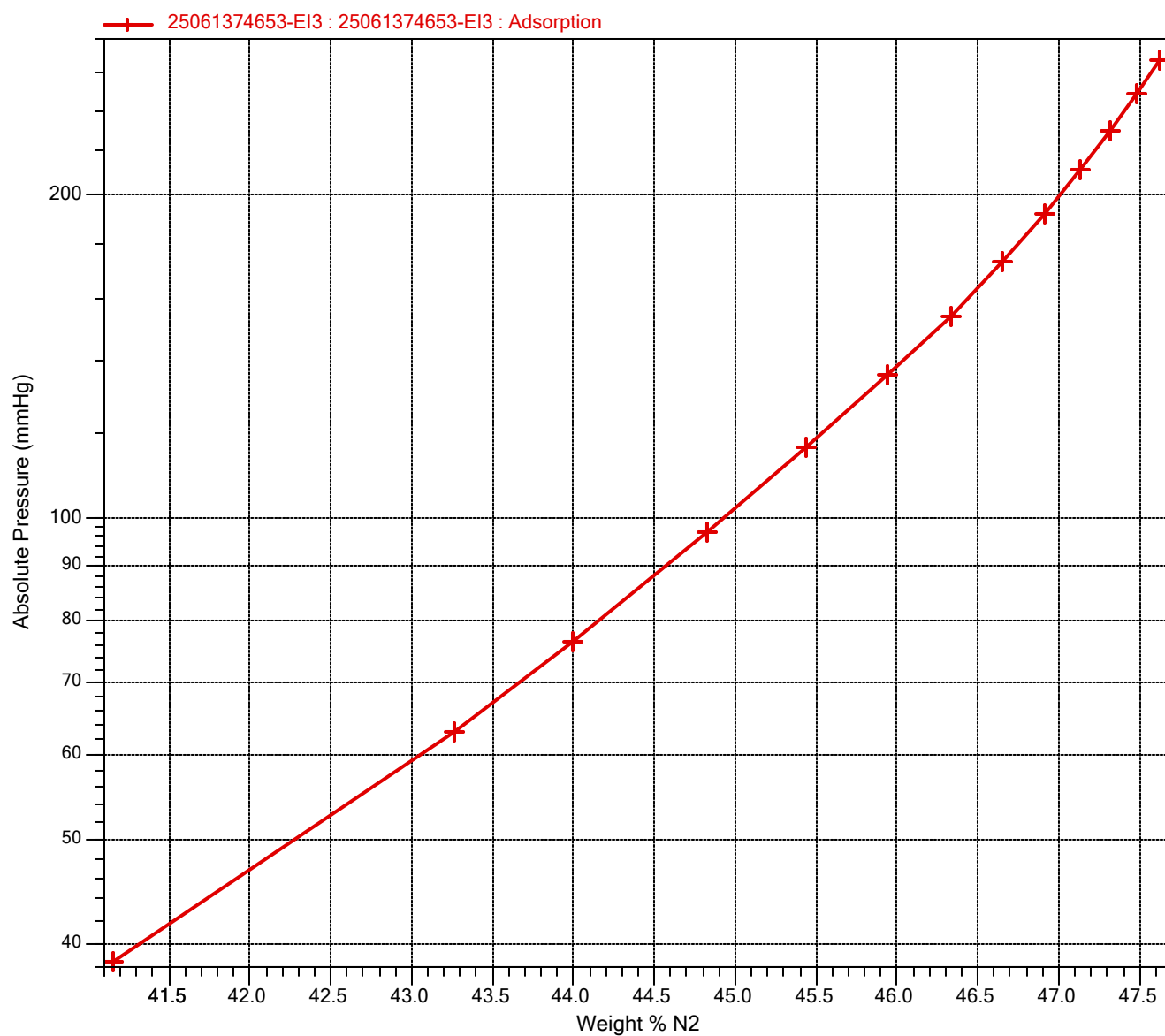
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Isotherm Pressure Composition



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Automatic degas:	No		

BET Report

BET surface area: 1,397.2031 ± 14.9345 m²/g
Slope: 0.003111 ± 0.000033 g/cm³ STP
Y-intercept: 0.000004 ± 0.000003 g/cm³ STP
C: 785.227174
Qm: 321.0059 cm³/g STP
Correlation coefficient: 0.9999431
Molecular cross-sectional area: 0.1620 nm²

Relative Pressure (P/Po)	Quantity Adsorbed (cm ³ /g STP)	1/[Q(Po/P - 1)]
0.050269324	329.3538	0.000161
0.082442182	346.2324	0.000260
0.100272129	352.0631	0.000317

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Automatic degas:	No		

BET Surface Area Plot

