



Analysis

Operator: Demo
Sample ID: Nafionedfe06272025
Sample Desc:
Sample Weight: 0.0643 g
Approx. Outgas Time: 10.1 hrs
Analysis gas: Nitrogen
Analysis Time: 5:12 hr:min
Analysis Mode: Standard
VoidVol. Mode: He Measure

Date: 2025/06/28

Filename:

Comment:

Instrument:

Final Outgas Temp.:

Non-ideality:

Bath temp.:

Cold Zone V:

Report

Operator: Anton Parr

Filename: SARM2012_st2_2025_06_28_10_25_26.qps

Instrument: Autosorb iQ Station 2

Final Outgas Temp.: 60 °C

Non-ideality: 6.58e-05 1/Torr

Bath temp.: 77.35 K

Cold Zone V: 2.06098 cc

Date: 2025/08/04

Extended info:

CellType:

VoidVol Remeasure: off

Warm Zone V:

Available

9mm

16.471 cc

Data Reduction Parameters

Adsorbate model

Thermal Transpiration: on

Nitrogen

Molec. Wt.: 28.013

Eff. mol. diameter (D): 3.54 Å

Temperature 77.350K

Cross Section: 16.200 Å²

Eff. cell stem diam. (d): 4.0000 mm

Liquid Density: 0.808 g/cc



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Demo
Nafionedfe06272025

Date:2025/06/28

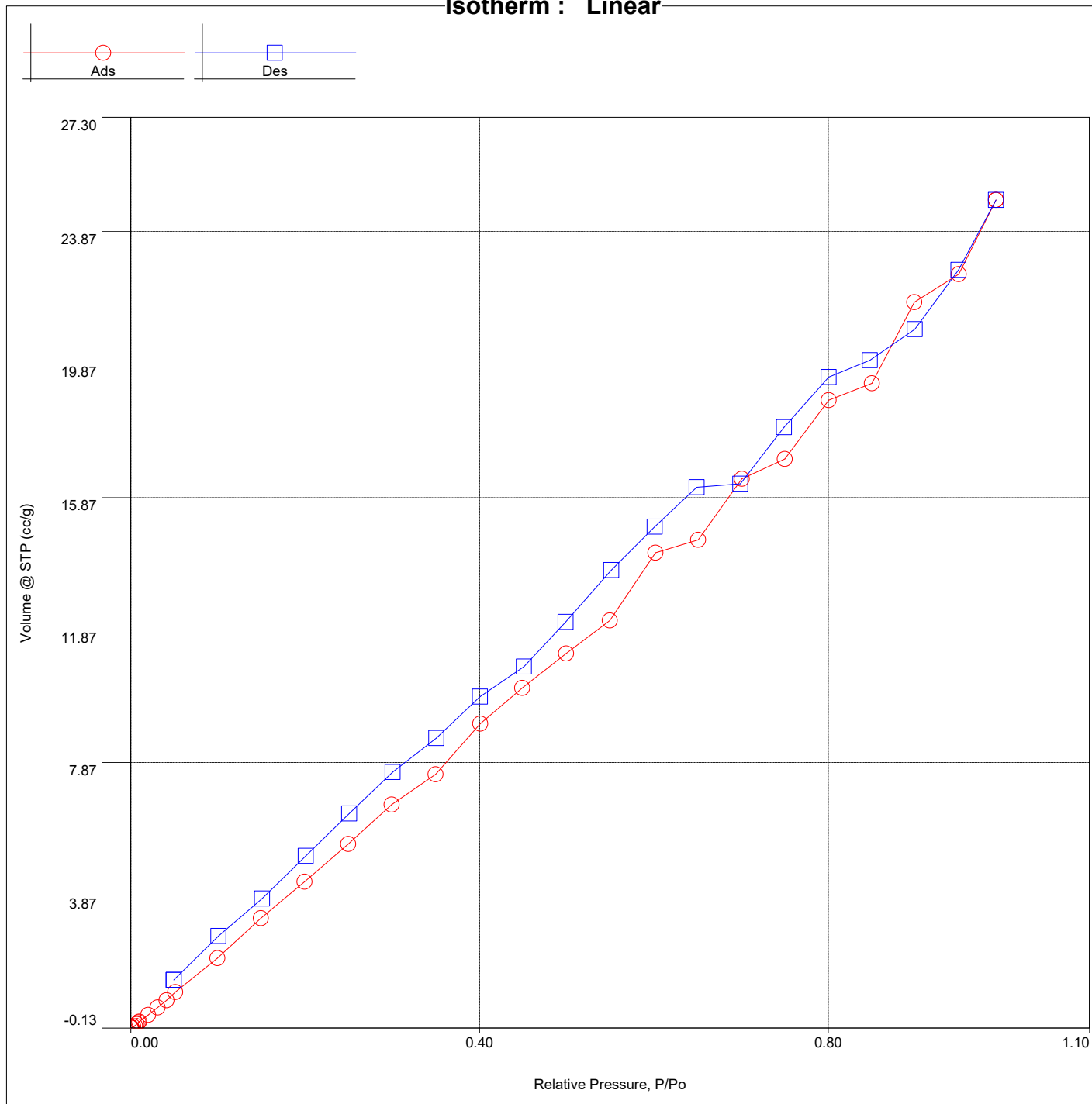
Filename:

Report

Operator: Anton Parr
SARM2012_st2_2025_06_28_10_25_26.qps

Date:2025/08/04

Isotherm : Linear





Analysis

Operator:
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Demo
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Date:2025/06/28

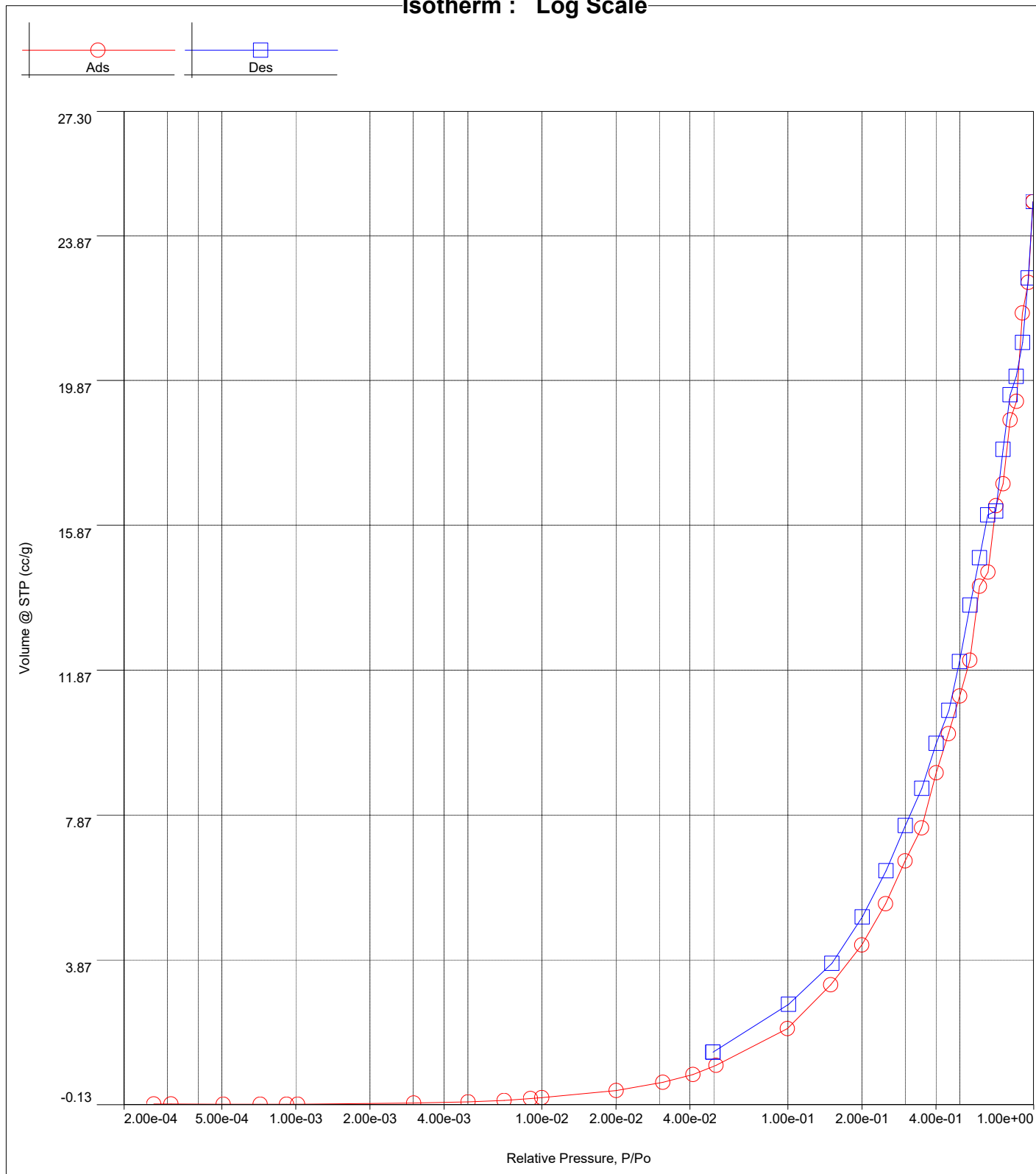
Filename:

Report

Operator: Anton Parr
SARM2012_st2_2025_06_28_10_25_26.qps

Date:2025/08/04

Isotherm : Log Scale





Analysis

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SARM2012_st2_2025_06_28_10_25_26.qps

Date:2025/08/04

Isotherm

Relative Pressure	Volume @ STP [cc/g]	Relative Pressure	Volume @ STP [cc/g]	Relative Pressure	Volume @ STP [cc/g]
2.64600e-04	-0.1104	2.49472e-01	5.4134	8.47839e-01	19.9822
3.10498e-04	-0.1156	2.99432e-01	6.6018	8.00471e-01	19.4785
5.06630e-04	-0.1178	3.49685e-01	7.5095	7.49280e-01	17.9664
7.16281e-04	-0.1184	4.01045e-01	9.0354	6.99428e-01	16.2643
9.16714e-04	-0.1185	4.49211e-01	10.1118	6.49258e-01	16.1559
1.01624e-03	-0.1190	4.99380e-01	11.1519	6.01063e-01	14.9718
3.01317e-03	-0.0882	5.49604e-01	12.1469	5.51192e-01	13.6614
5.00998e-03	-0.0559	6.01896e-01	14.1872	4.98980e-01	12.1052
7.03241e-03	-0.0151	6.50900e-01	14.5733	4.51115e-01	10.7558
9.00435e-03	0.0371	7.01076e-01	16.4103	4.00700e-01	9.8503
1.00040e-02	0.0594	7.50305e-01	17.0136	3.50729e-01	8.6033
2.00467e-02	0.2587	8.00681e-01	18.7813	3.00474e-01	7.5795
3.10590e-02	0.4873	8.50090e-01	19.2916	2.50772e-01	6.3295
4.11292e-02	0.7002	8.98796e-01	21.7358	2.00925e-01	5.0525
5.10658e-02	0.9501	9.49707e-01	22.5797	1.50852e-01	3.7680
9.96385e-02	1.9717	9.92350e-01	24.8125	1.00633e-01	2.6420
1.49339e-01	3.1750	9.49533e-01	22.7040	4.96057e-02	1.3166
1.99607e-01	4.2755	8.99566e-01	20.9187		