Analysis				**Report**			
Operator:	Demo	**Date:**	2025/07/05	**Operator:**	Anton Parr	**Date:**	2025/07/06
Sample ID:	HA-ALXlinked2hrsSALINEWASH07042025	**Filename:**	SARM2012_st3_2025_07_05_17_54_42.qps				
Sample Desc:		**Comment:**					
Sample Weight:	0.14 g	**Instrument:**	Autosorb iQ Station 3				
Approx. Outgas Time:	10.1 hrs	**Final Outgas Temp.:**	80 °C	**Extended info:**	Available		
Analysis gas:	Nitrogen	**Non-ideality:**	6.58e-05 1/Torr	**CellType:**	9mm		
Analysis Time:	14:45 hr:min	**Bath temp.:**	77.35 K				
Analysis Mode:	Standard			**VoidVol Remeasure:**	off		
VoidVol. Mode:	He Measure	**Cold Zone V:**	1.64755 cc	**Warm Zone V:**	20.1411 cc		

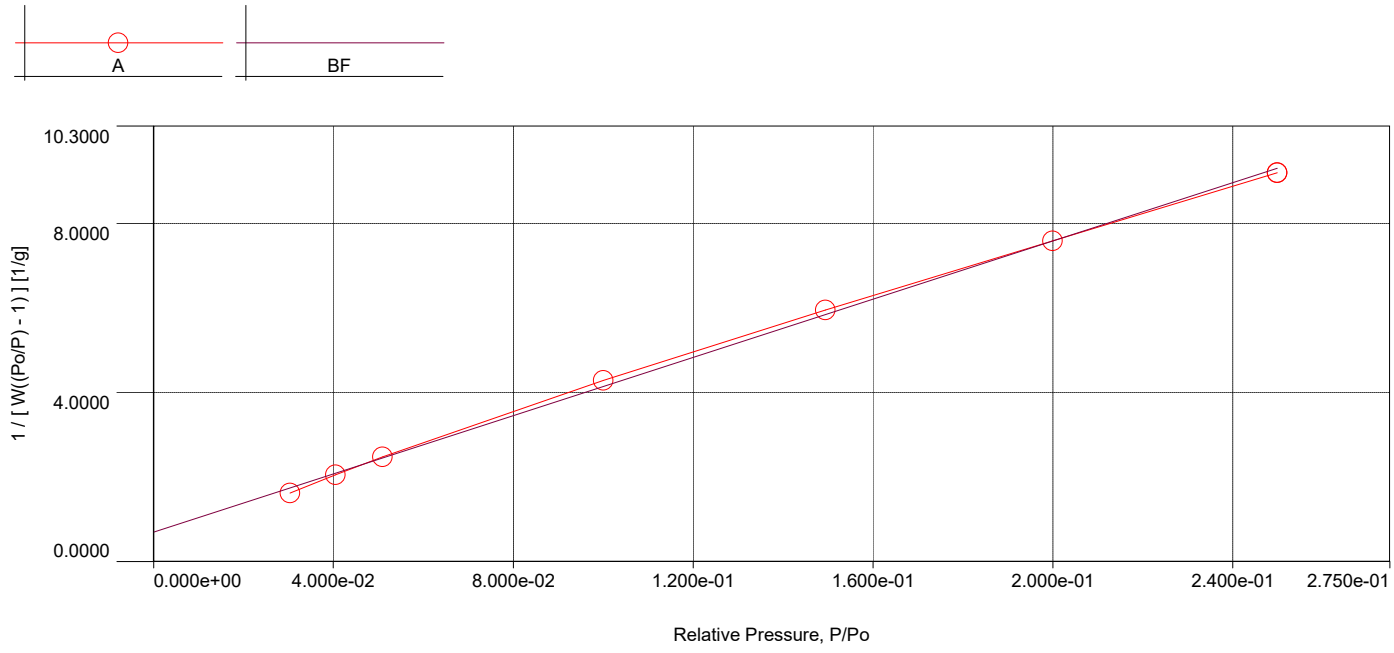
Data Reduction Parameters

Adsorbate model							
	Thermal Transpiration: on	**Eff. mol. diameter (D):**	3.54 Å	**Eff. cell stem diam. (d):**	4.0000 mm		
	Nitrogen	**Temperature**	77.350K				
	Molec. Wt.: 28.013	**Cross Section:**	16.200 Å²	**Liquid Density:**	0.808 g/cc		

MBET summary

Slope =	34.444 1/g
Intercept =	6.970e-01 1/g
Correlation coefficient, r =	0.999410
C constant=	50.414
Surface Area =	99.104 m²/g

Multi-Point BET Plot



Multi-Point BET

Relative Pressure [P/Po]	Volume @ STP [cc/g]	1 / [W((Po/P) - 1)] [1/g]	Relative Pressure [P/Po]	Volume @ STP [cc/g]	1 / [W((Po/P) - 1)] [1/g]
3.03578e-02	15.4797	1.6183e+00	1.49445e-01	23.6174	5.9525e+00
4.04546e-02	16.4844	2.0464e+00	1.99905e-01	26.3582	7.5844e+00
5.09514e-02	17.3705	2.4729e+00	2.49894e-01	28.9773	9.1988e+00
1.00051e-01	20.7540	4.2860e+00			

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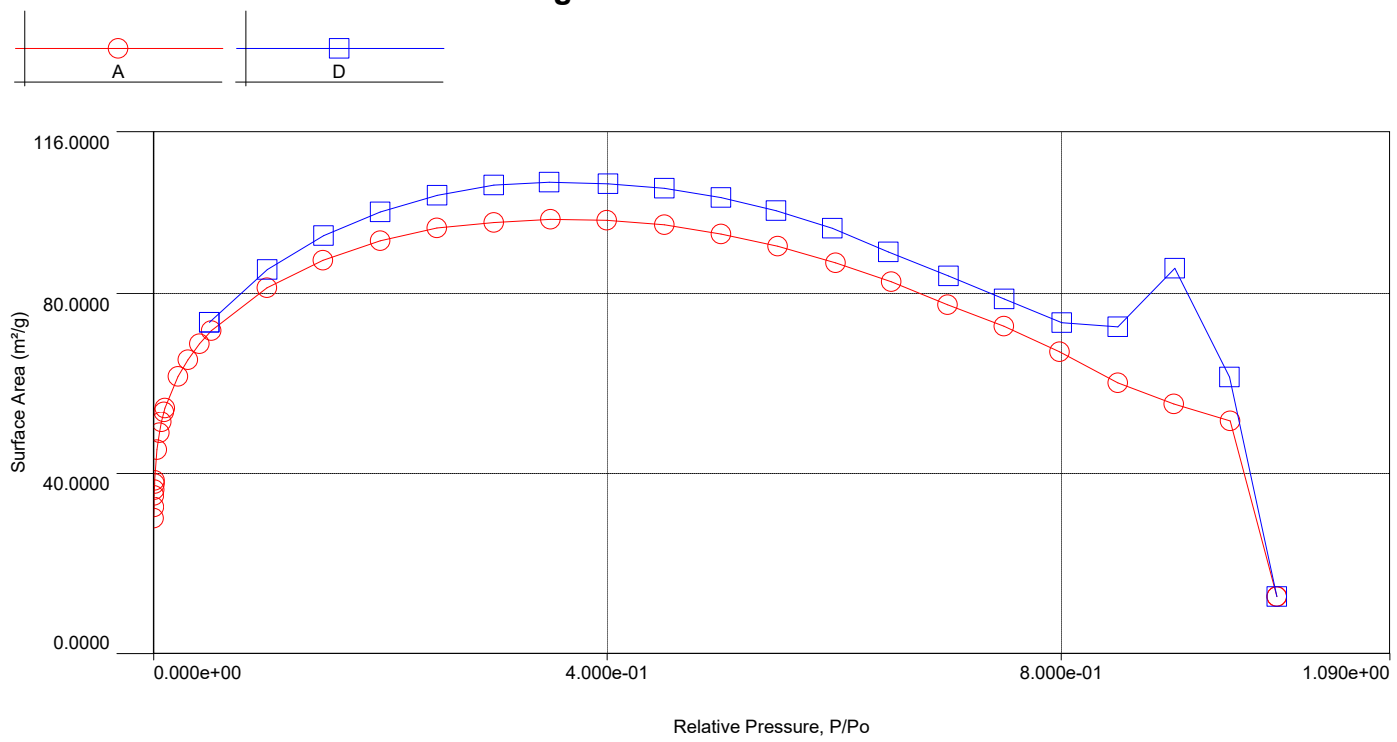
Single Point Surface Area



Single Point Surface Area

Relative Pressure [P/Po]	Volume @ STP [cc/g]	1 / [W((P/Po) - 1)]	Slope	Surf. Area [m²/g]
1.95905e-04	6.9159	2.2669e-02	115.7158	30.0959
3.29287e-04	7.4804	3.5233e-02	106.9978	32.5480
5.56222e-04	8.0816	5.5100e-02	99.0605	35.1560
7.03244e-04	8.3683	6.7287e-02	95.6803	36.3979
9.02942e-04	8.6823	8.3286e-02	92.2388	37.7560
1.02106e-03	8.8435	9.2475e-02	90.5681	38.4525
3.05182e-03	10.4360	2.3470e-01	76.9043	45.2844
5.18932e-03	11.3429	3.6796e-01	70.9076	49.1142
7.02388e-03	11.9148	4.7501e-01	67.6285	51.4955
9.12336e-03	12.4496	5.9175e-01	64.8609	53.6929
1.01007e-02	12.6661	6.4458e-01	63.8151	54.5728
2.16018e-02	14.4685	1.2210e+00	56.5220	61.6143
3.03578e-02	15.4797	1.6183e+00	53.3068	65.3307
4.04546e-02	16.4844	2.0464e+00	50.5846	68.8463
5.09514e-02	17.3705	2.4729e+00	48.5350	71.7537
1.00051e-01	20.7540	4.2860e+00	42.8388	81.2947
1.49445e-01	23.6174	5.9525e+00	39.8310	87.4335
1.99905e-01	26.3582	7.5844e+00	37.9402	91.7909
2.49894e-01	28.9773	9.1988e+00	36.8108	94.6071
3.00074e-01	31.4505	1.0907e+01	36.3477	95.8126
3.49811e-01	34.1051	1.2622e+01	36.0826	96.5166
3.99539e-01	36.8645	1.4442e+01	36.1462	96.3467
4.50476e-01	39.8696	1.6451e+01	36.5198	95.3610
5.00332e-01	42.8983	1.8676e+01	37.3279	93.2965
5.50174e-01	46.2714	2.1149e+01	38.4414	90.5941
6.01140e-01	50.0227	2.4107e+01	40.1023	86.8421

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Single Point Surface Area continued

Relative Pressure [P/Po]	Volume @ STP [cc/g]	1 / [W((P/Po) - 1)]	Slope	Surf. Area [m²/g]
6.50236e-01	54.3006	2.7394e+01	42.1286	82.6651
6.99932e-01	59.3964	3.1422e+01	44.8928	77.5751
7.49580e-01	66.7732	3.5868e+01	47.8504	72.7802
7.98731e-01	76.5566	4.1476e+01	51.9275	67.0660
8.50151e-01	92.2571	4.9204e+01	57.8766	60.1722
8.99450e-01	126.7142	5.6484e+01	62.7983	55.4564
9.49071e-01	233.3149	6.3906e+01	67.3358	51.7194
9.90121e-01	294.2519	2.7254e+02	275.2592	12.6520
9.48510e-01	274.1260	5.3768e+01	56.6869	61.4351
9.00436e-01	197.7047	3.6601e+01	40.6477	85.6768
8.50111e-01	111.3306	4.0761e+01	47.9482	72.6318
8.00564e-01	84.7530	3.7896e+01	47.3368	73.5699
7.49964e-01	72.4184	3.3139e+01	44.1880	78.8124
7.00922e-01	64.4845	2.9079e+01	41.4874	83.9428
6.47845e-01	58.2321	2.5277e+01	39.0176	89.2563
5.98335e-01	54.0717	2.2043e+01	36.8402	94.5316
5.48814e-01	50.1417	1.9410e+01	35.3673	98.4687
5.00392e-01	46.6300	1.7186e+01	34.3448	101.4000
4.50292e-01	43.2363	1.5159e+01	33.6648	103.4483
4.00625e-01	40.0408	1.3356e+01	33.3391	104.4588
3.48921e-01	36.9748	1.1597e+01	33.2366	104.7810
2.99888e-01	34.1880	1.0025e+01	33.4284	104.1799
2.50044e-01	31.2097	8.5477e+00	34.1847	101.8751
1.99881e-01	28.1928	7.0898e+00	35.4701	98.1830
1.50034e-01	25.1091	5.6249e+00	37.4907	92.8915
1.00208e-01	21.7991	4.0877e+00	40.7921	85.3734
4.93640e-02	17.7914	2.3353e+00	47.3078	73.6151