

Analysis

Operator: Alex
Sample ID: Инредтех
Sample Desc: ZrO2
Sample weight: 0.8140 g
Analysis Time: 217.7 min
Void Vol.: He Mode.Cell: 9mm large bulb
Outgas Time: 4.0 hrs
Analysis gas: Nitrogen
Press. Tolerance: 0.020/0.000 (ads/des)

Date: 9/4/2013
Filename:
Comment:

Report

Operator: Alex
D:\Инредтех

Date: 9/5/2013

End of run: 9/4/2013 7:21:47
Instrument: QuadraSorb Station 1
Run mode: Standard
Outgas Temp: 320.0 C
Bath Temp: 77.3 K
Equil time: 600/0 sec (ads/des)
Equil timeout: 900/0 sec (ads/des)

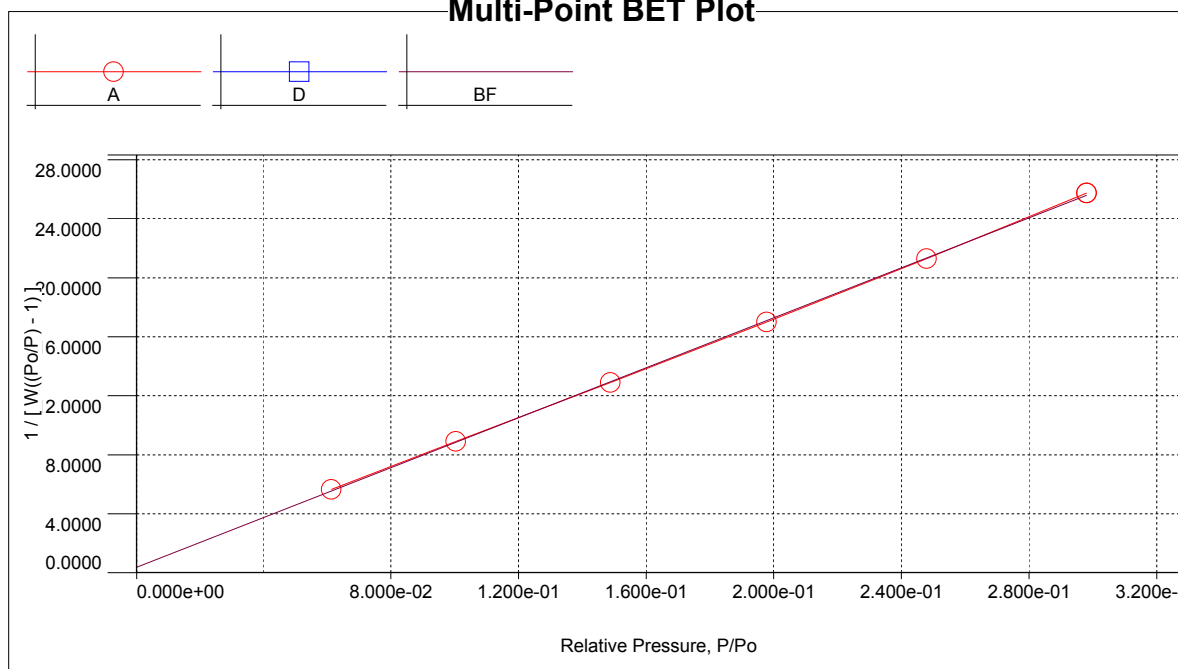
Data Reduction Parameters

Adsorbate	Nitrogen	Temperature	77.350K	Liquid Density:	0.806 g/cc
	Molec. Wt.: 28.013 g	Cross Section:	16.200 EI		

MBET summary

Slope = 84.621
Intercept = 3.883e-01
Correlation coefficient, r = 0.999913
C constant = 218.935
Surface Area = 40.966 ml/g

Multi-Point BET Plot



Multi-Point BET

Relative Pressure [P/Po]	Volume @ STP [cc/g]	$1 / [W((P_o/P) - 1)]$	Relative Pressure [P/Po]	Volume @ STP [cc/g]	$1 / [W((P_o/P) - 1)]$
6.12687e-02	9.2357	5.6543e+00	1.97598e-01	11.5966	1.6991e+01
1.00194e-01	10.0021	8.9075e+00	2.47644e-01	12.3680	2.1294e+01
1.48676e-01	10.8459	1.2883e+01	2.97857e-01	13.1932	2.5727e+01