

Analysis

Operator: CP
 Sample ID: BET Example
 Sample Desc: BET Example
 Sample Weight: 0.4328 g
 Approx. Outgas Time: 5.5 hrs
 Analysis gas: Nitrogen
 Analysis Time: 0:21 hr:min
 Analysis Mode: Standard
 VVrm(1): v=0 @ t=-10
 VoidVol. Mode: He Measure

Date: 2022/04/19

Filename: 2022-04 PV low SSA Station 1.qps
 Comment: BET Example
 Instrument: Autosorb iQ Station 1
 Final Outgas Temp.: 350 °C
 Non-ideality: 6.58e-05 1/Torr
 Bath temp.: 77.35 K
 VVrm(2): v=0 @ t=21.4667
 Cold Zone V: 1.0188 cc

Report

Operator: JF
 2022-04 PV low SSA Station 1.qps
 BET Example
 Autosorb iQ Station 1
 350 °C
 6.58e-05 1/Torr
 77.35 K
 v=0 @ t=21.4667
 1.0188 cc

Date: 2022/12/21

Extended info: Available
 CellType: 9mm
 VoidVol Remeasure: on
 Warm Zone V: 7.15567 cc

MBET summary

Slope = 384.054 1/g
 Intercept = 3.372e+00 1/g
 Correlation coefficient, r = 0.999890
 C constant = 114.893
 Surface Area = 8.989 m²/g

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]
1.01107e-01	2.1149	4.2554e+01	2.51688e-01	2.7003	9.9659e+01
1.51678e-01	2.3224	6.1599e+01	2.99298e-01	2.8753	1.1886e+02
2.01659e-01	2.5160	8.0329e+01			

Multi-Point BET Plot

