

**Quantachrome NovaWin - Data Acquisition and Reduction
for NOVA instruments
©1994-2010, Quantachrome Instruments
version 11.0**



Analysis

Operator: UEL - QUIMICA
Sample ID: LECA 13G
Sample Desc: LECA 13G
Sample weight: 0.1683 g
Outgas Time: 3.0 hrs
Analysis gas: Nitrogen
Press. Tolerance: 0.100/0.100 (ads/des)
Analysis Time: 228.4 min
Cell ID: 0

Date: 2022/11/09

Filename:

Comment:

Sample Volume: 0 cc

Outgas Temp: 300.0 C

Bath Temp: 77.3 K

Equil time: 60/60 sec (ads/des)

End of run: 2022/11/09 15:36:49

Report

Operator: UEL - QUIMICA

Date: 11/18/2022

Filename: C:\Users\236795\Documents\Odair\LECA 13G\LECA 13G.qps

Equil timeout: 240/240 sec (ads/des)

Instrument: Nova Station A

F/W version: 0.00

Multi-Point BET

Data Reduction Parameters Data

Adsorbate	Nitrogen	Temperature	77.350K	Liquid Density:	0.808 g/cc
	Molec. Wt.: 28.013 g	Cross Section:	16.200 Å ²		

Multi-Point BET Data

Relative Pressure [P/Po]	Volume @ STP [cc/g]	1 / [W((Po/P) - 1)]	Relative Pressure [P/Po]	Volume @ STP [cc/g]	1 / [W((Po/P) - 1)]
4.75530e-02	64.5927	6.1845e-01	1.94834e-01	78.0435	2.4808e+00
9.56870e-02	71.3014	1.1874e+00	2.43239e-01	80.0873	3.2112e+00
1.49255e-01	75.5367	1.8583e+00	2.93385e-01	81.8454	4.0589e+00

BET summary

Slope = 13.909
Intercept = -1.379e-01
Correlation coefficient, r = 0.997655
C constant = -99.865

Surface Area = 252.881 m²/g