

**Quantachrome NovaWin - Data Acquisition and Reduction
for NOVA instruments
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version 11.0**



Analysis

Operator: UEL - QUIMICA
Sample ID: LECA 29G
Sample Desc: LECA 29G
Sample weight: 0.1762 g
Outgas Time: 3.0 hrs
Analysis gas: Nitrogen
Press. Tolerance: 0.100/0.100 (ads/des)
Analysis Time: 178.8 min
Cell ID: 0

Date: 2022/11/18

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: 2022/11/18 14:40:09

Report

Operator: UEL - QUIMICA
Date: 11/18/2022
Filename: C:\Users\236795\Documents\Odair\LECA 29G\LECA 29G.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 Å²		

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)]
4.70960e-02	7.9037	5.0033e+00	1.97673e-01	11.5900	1.7008e+01
9.70250e-02	9.4090	9.1372e+00	2.47384e-01	12.5517	2.0953e+01
1.48272e-01	10.5975	1.3143e+01	2.98962e-01	13.4054	2.5453e+01

BET summary

Slope = 80.447
Intercept = 1.220e+00
Correlation coefficient, r = 0.999848
C constant = 66.919

Surface Area = 42.643 m²/g