

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



Analysis

Operator: UEL - QUIMICA
Sample ID: LECA 28G
Sample Desc: LECA 28G
Sample weight: 0.1307 g
Outgas Time: 3.0 hrs
Analysis gas: Nitrogen
Press. Tolerance: 0.100/0.100 (ads/des)
Analysis Time: 155.9 min
Cell ID: 0

Date: 2022/11/10

Filename:
Comment:
Sample Volume: 0 cc
OutgasTemp: 300.0 C
Bath Temp: 77.3 K
Equil time: 60/60 sec (ads/des)
End of run: 2022/11/10 14:26:41

Report

Operator: UEL - QUIMICA
Date: 11/18/2022
Filename: C:\Users\236795\Documents\Odair\LECA 28G\LECA 28G.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)]
4.59240e-02	5.5346	6.9586e+00	2.01283e-01	7.9354	2.5410e+01
9.89000e-02	6.5415	1.3424e+01	2.53263e-01	8.5586	3.1707e+01
1.49944e-01	7.2750	1.9400e+01	3.03388e-01	9.1488	3.8089e+01

BET summary

Slope = 120.160
Intercept = 1.416e+00
Correlation coefficient, r = 0.999909
C constant = 85.874

Surface Area = 28.645 m²/g