

Analysis

Operator:UEL - QUIMICA
Sample ID: LECA 15G
Sample Desc: LECA 15G
Sample weight: 0.1389 g
Outgas Time: 3.0 hrs
Analysis gas: Nitrogen
Press. Tolerance: 0.100/0.100 (ads/des)
Analysis Time: 285.5 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 20:30:29

Report

Operator:UEL - QUIMICA
Date:11/18/2022
C:\Users\236795\Documents\Odair\LECA 15G\LECA 15G.qps

Equil timeout: 240/240 sec (ads/des)
Instrument: Nova Station A
F/W version: 0.00

Area-Volume Summary

Data Reduction Parameters Data

Adsorbate	Nitrogen	Temperature	77.350K	Liquid Density:	0.808 g/cc
	Molec. Wt.:	Cross Section:	16.200 Å²		

Surface Area Data

MultiPoint BET	7.029e+02 m²/g
BJH method cumulative adsorption surface area	6.237e+01 m²/g
BJH method cumulative desorption surface area	8.262e+01 m²/g
DH method cumulative adsorption surface area	6.360e+01 m²/g
DH method cumulative desorption surface area	8.442e+01 m²/g

Pore Volume Data

Total pore volume for pores with Radius less than 67.93 nm at P/Po = 0.985660	5.215e-01 cc/g
BJH method cumulative adsorption pore volume	1.873e-01 cc/g
BJH method cumulative desorption pore volume	1.947e-01 cc/g
DH method cumulative adsorption pore volume	1.833e-01 cc/g
DH method cumulative desorption pore volume	1.910e-01 cc/g
HK method cumulative pore volume	3.384e-01 cc/g
SF method cumulative pore volume	3.413e-01 cc/g

Pore Size Data

Average pore Radius	1.484e+00 nm
BJH method adsorption pore Radius (Mode Dv(r))	1.677e+00 nm
BJH method desorption pore Radius (Mode Dv(r))	1.895e+00 nm
DH method adsorption pore Radius (Mode Dv(r))	1.677e+00 nm
DH method desorption pore Radius (Mode Dv(r))	1.895e+00 nm
HK method pore Radius (Mode)	1.838e-01 nm
SF method pore Radius (Mode)	2.261e-01 nm