

### Analysis

Operator: UEL - QUIMIC  
Sample ID: LECA 3  
Sample Desc:  
Sample weight: 0.0613 g  
Outgas Time: 1.0 hrs  
Analysis gas: Nitrogen  
Press. Tolerance: 0.100/0.100 (ads/des)  
Analysis Time: 131.9 min  
Cell ID: 0

Date: 2022/11/08

Filename: C:\Users\236795\Documents\Odair\LECA 3\LECA 3.qps  
Comment: {76}  
Sample Volume: 0 cc  
Outgas Temp: 100.0 C  
Bath Temp: 77.3 K  
Equil time: 60/60 sec (ads/des)  
End of run: 2022/11/08 17:07:30

### Report

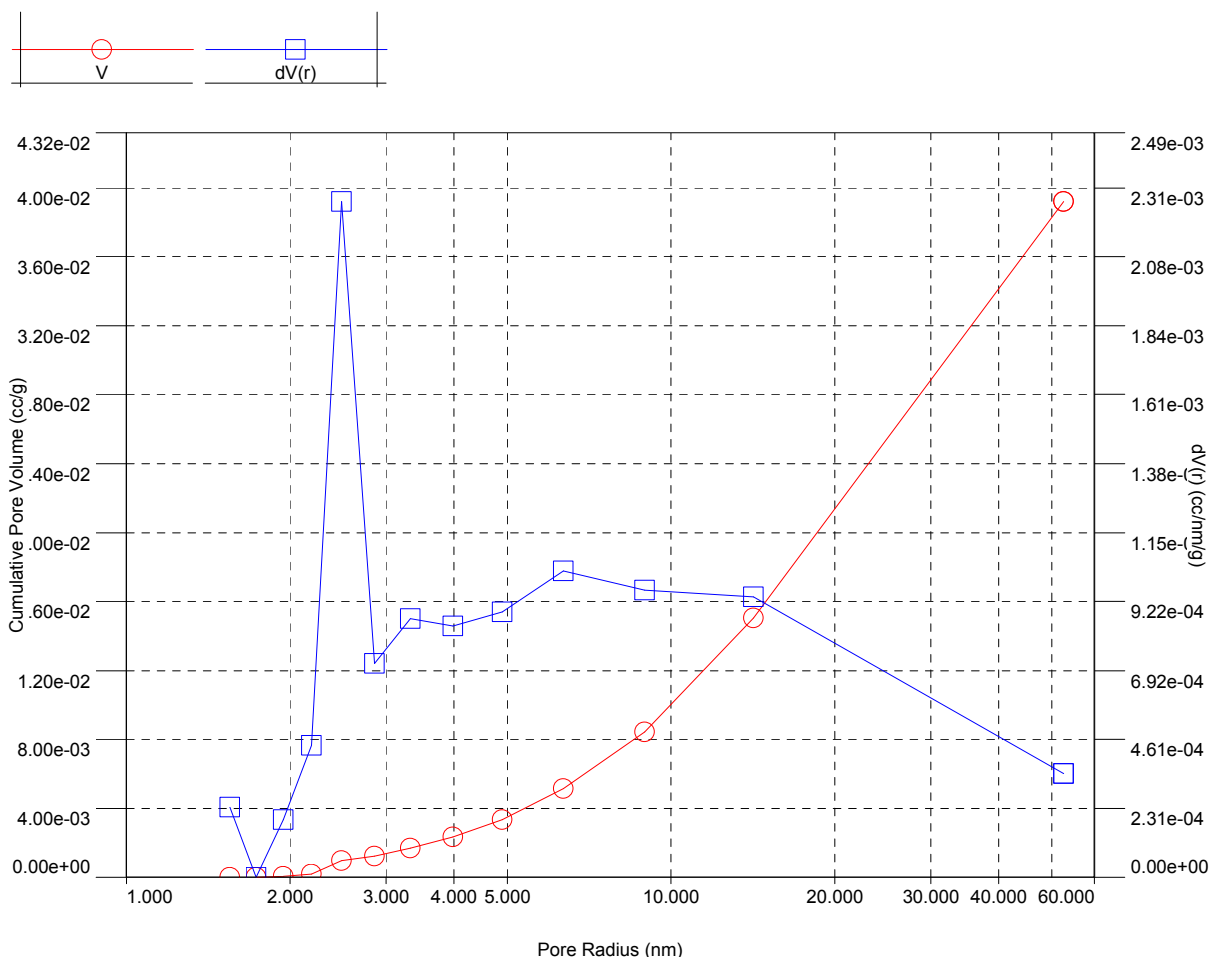
Operator: UEL - QUIMICA  
Date: 11/18/2022

Equil timeout: 240/240 sec (ads/des)  
Instrument: Nova Station A  
F/W version: 11.03.01.003

## BJH method Adsorption dV(r)

### Data Reduction Parameters

|                      |                            |                                 |               |
|----------------------|----------------------------|---------------------------------|---------------|
| <b>t-Method</b>      | Calc. method: de Boer      |                                 |               |
| <b>BJH/DH method</b> | Moving pt. avg.: off       | Ignoring P-tags below 0.35 P/Po |               |
| <b>Adsorbate</b>     | Nitrogen                   | Temperature                     | 77.350 K      |
|                      | Molec. Wt.: 28.013 g       | Cross Section:                  | 16.200 Å²     |
|                      | Contact Angle: 0.0 degrees | Surf. Tension:                  | 8.850 erg/cm² |
|                      |                            | Liquid Density:                 | 0.808 g/cc    |



### BJH adsorption summary

Surface Area = 5.174 m²/g  
Pore Volume = 0.039 cc/g  
Pore Radius Dv(r) = 2.485 nm