

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



Analysis

Operator: UEL - QUIMICA
Sample ID: LECA 4
Sample Desc: LECA 4
Sample weight: 0.0619 g
Outgas Time: 3.0 hrs
Analysis gas: Nitrogen
Press. Tolerance: 0.100/0.100 (ads/des)
Analysis Time: 125.1 min
Cell ID: 0

Date: 2022/11/08

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: 2022/11/08 13:32:12

Report

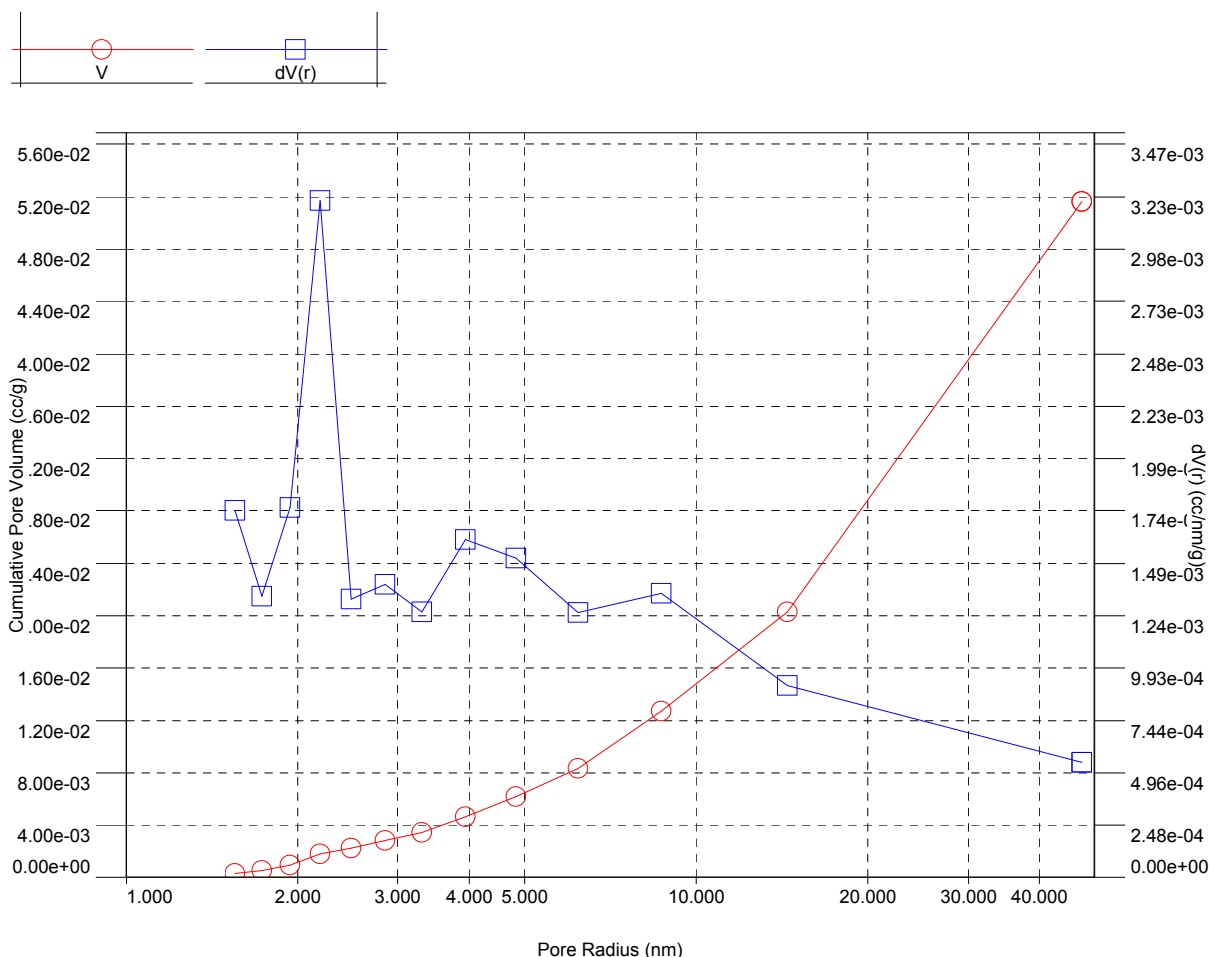
Operator: UEL - QUIMICA
Date: 11/18/2022
Filename: C:\Users\236795\Documents\Odair\LECA 4\LECA 4.qps

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

BJH method Adsorption dV(r)

Data Reduction Parameters

t-Method	Calc. method: de Boer	
BJH/DH method	Moving pt. avg.: off	Ignoring P-tags below 0.35 P/Po
Adsorbate	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 = 8.321 m²/g
Pore Volume = 0.052 cc/g
Pore Radius Dv(r) = 2.189 nm