

UNIVERSITAS ISLAM INDONESIA

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LABORATORIUM TERPADU
Quantachrome TouchWin v1.22



Report date: Mon Jan 8 2024 Operator: Yusuf
Filename: 16731223_1.qcuPhysIso

Analysis Information

Sample

ID 1673_1 Weight 0.0863g
Description CFA-5

Analysis

Data ID {660185be-4bef-4b3b-948f-c64486943aa9}
Operator Yusuf Date 2024.01.08 Duration 142.1 min
Instrument St 2 on NOVA touch 4LX [s/n:170170510001] Firmware 1.07
Comments description of sample
Ambient Temp. 20.31°C Void Volume Mode NOVA mode Cell ID 42
Cell Type 9mm with rod Thermal Delay 300 sec Po Mode Continuous

Adsorbate

Name Nitrogen Molecular Weight 28.013 g/mol Cross Section Area 16.2 Å²/mol
Non-ideality 6.580000e-05 1/torr Bath Temperature 77.35 K

Degas information

Time 1.0 hours Temp 90.000000°C

Data Reduction Parameters

Thermal Transpiration yes Eff. Molec. Diameter 0 Å
Eff. Cell Diameter 0 mm

Table - Isotherm Isotherm

Relative Pressure, P/Po

Volume Adsorbed
@STP
cc/g

0.0505704	5.85719
0.148287	6.86521
0.248307	7.34958
0.350877	7.85614
0.449213	8.38009
0.548691	9.33482
0.647607	11.0177
0.751865	15.7741
0.847996	25.7560
0.945915	74.8415
0.851918	41.9171
0.754058	22.6516
0.650641	12.7468
0.553296	9.85005
0.453927	8.09112
0.351669	7.18118
0.252337	6.52442
0.150646	5.79052
0.0502521	4.41976