Anton Paar Kaomi for Nova

version 1.01

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Report date: 01/21/2026 **Operator:** AP
File Name: 0002-BET-02-2026.qcuPhysIso

Analysis Data

Sample

ID	0002-BET-02-2026	**Weight**	0.558 g		
Name	0002-BET-02-2026	**Description**	CaOSiO2 Variasi 180 C		

Analysis

Data ID	{bc835a15-0a7e-4f81-a691-469e7f0bfc32}				
Analysis Profile	N2 7 PT BET				
Operator	AP	**Date**	01/20/2026	**Duration**	58.55 min
Instrument	St 4 on NOVA 800 [s/n:1050049711]			**Firmware**	1.03
Comments:	""				
Ambient Temp.	28.66 °C	**Void Volume Mode**	NOVA Mode	**Cell ID**	B4 FR4
Sample Volume	0.145 cm³	**Sample Volume Mode**	Measured	**Cell Type**	9 mm with filler rod
Thermal Delay	180 sec	**p₀ Mode**	Monitor		

Adsorbate

Name	Nitrogen	**Molecular Weight**	28.0134 g/mol	**Cross Sectional Area**	16.2 Å²/molecule
Non-Ideality	6.58e-05 1/Torr	**Bath Temperature**	77.35 K		

Degas information

Type	Vacuum Degassing
Operator	AP
Description	CaOSiO2 Variasi 180 C
Heating	Heat to 300.0 °C at 10.0 °C/min then hold for 180 min

Multipoint BET Summary/Results

Isotherm Branch	Adsorption	**Slope**	133.35	**Intercept**	4.42596
Correlation coeff., r	0.984424	**C constant**	31.129	**Surface area**	25.277 m²/g

BET-Multipoint BET

Relative Pressure, p/p₀	Volume Adsorbed @STP cm³/g	1 / [W((p₀/p) - 1)]
0.0282737	1.93369	12.0393
0.0871872	5.62536	13.5854
0.130867	6.05476	19.8975
0.172988	6.39724	26.1615
0.214491	6.71677	32.5272
0.255749	7.03885	39.0611
0.297825	7.36998	46.0469

BET-Multipoint BET

