

Measurement Report

Pycnometer Serial Number: 1050044860 Software Version: 1.002.020

Sample Information

Sample ID: A1 freeze 5/27
Sample Weight: 0.0575 g
Date: 2025.05.28
Start Time: 15:28:13
Run Time: 0:07:08

Measurement Settings

Gas Type: Nitrogen
Target Pressure: 18.0000 psi
Flow Direction Mode: Reference First
Equilibration Mode: Pressure
Temperature Control: On
Target Temperature: 20.000 °C
Flow Mode: Monolith
Cell Size: Nano
Preparation Mode: Flow
End Mode Criteria: Fixed

Results

True Density

0.9640 g/cm³

Average Volume

0.0596 cm³

Percent Variance

4.5580 %

Run Data

Run	Volume	Density	Temperature
1	0.0637 cm ³	0.9023 g/cm ³	20.006 °C
2	0.0581 cm ³	0.9891 g/cm ³	20.002 °C
3	0.0571 cm ³	1.0072 g/cm ³	19.996 °C