

Measurement Report

Pycnometer Serial Number: 1050044860 Software Version: 1.002.020

Sample Information

Sample ID: A1 vacuum 5/27
Sample Weight: 0.0788 g
Date: 2025.05.28
Start Time: 15:17:15
Run Time: 0:07:30

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

1.0310 g/cm³

Average Volume

0.0764 cm³

Percent Variance

3.5377 %

Run Data

Run	Volume	Density	Temperature
1	0.0805 cm ³	0.9790 g/cm ³	20.008 °C
2	0.0750 cm ³	1.0512 g/cm ³	20.003 °C
3	0.0738 cm ³	1.0671 g/cm ³	19.996 °C