

Measurement Report

Pycnometer Serial Number: 1050044860 Software Version: 1.002.020

Sample Information

Sample ID: A0.5 vacuum 5/27
Sample Weight: 0.1000 g
Date: 2025.05.28
Start Time: 14:00:59
Run Time: 0:07:28

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

1.1278 g/cm³

Average Volume

0.0887 cm³

Percent Variance

2.4871 %

Run Data

Run	Volume	Density	Temperature
1	0.0920 cm ³	1.0872 g/cm ³	20.012 °C
2	0.0876 cm ³	1.1418 g/cm ³	19.998 °C
3	0.0864 cm ³	1.1568 g/cm ³	19.993 °C