

Measurement Report

Pycnometer Serial Number: 1050044860 Software Version: 1.002.020

Sample Information

Sample ID: A0.5 freeze 5/30
Sample Weight: 0.0015 g
Date: 2025.05.31
Start Time: 14:52:35
Run Time: 0:13:19

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

0.2683 g/cm³

Average Volume

0.0056 cm³

Percent Variance

44.2067 %

Run Data

Run	Volume	Density	Temperature
1	0.0093 cm ³	0.1613 g/cm ³	19.998 °C
2	0.0047 cm ³	0.3219 g/cm ³	19.999 °C
3	0.0028 cm ³	0.5329 g/cm ³	20.003 °C