

Measurement Report

Pycnometer Serial Number: 1050044860 Software Version: 1.002.020

Sample Information

Sample ID: A2 freeze 5/30
Sample Weight: 0.0035 g
Date: 2025.05.31
Start Time: 15:45:41
Run Time: 0:14:53

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

0.6944 g/cm³

Average Volume

0.0050 cm³

Percent Variance

21.1165 %

Run Data

Run	Volume	Density	Temperature
1	0.0066 cm ³	0.5274 g/cm ³	19.995 °C
2	0.0047 cm ³	0.7502 g/cm ³	19.999 °C
3	0.0038 cm ³	0.9167 g/cm ³	20.004 °C