

Measurement Report

Pycnometer Serial Number: 1050044860 Software Version: 1.002.020

Sample Information

Sample ID: A0.75 freeze 5/30
Sample Weight: 0.0044 g
Date: 2025.05.31
Start Time: 15:08:24
Run Time: 0:14:49

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

0.2662 g/cm³

Average Volume

0.0165 cm³

Percent Variance

15.8067 %

Run Data

Run	Volume	Density	Temperature
1	0.0204 cm ³	0.2152 g/cm ³	19.996 °C
2	0.0155 cm ³	0.2833 g/cm ³	19.999 °C
3	0.0136 cm ³	0.3234 g/cm ³	20.003 °C