

# Measurement Report

Pycnometer Serial Number: 1050044860 Software Version: 1.002.020

## Sample Information

Sample ID: A1 freeze 5/30  
Sample Weight: 0.0021 g  
Date: 2025.05.31  
Start Time: 15:27:21  
Run Time: 0:14:37

## 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

0.3510 g/cm<sup>3</sup>

Average Volume

0.0060 cm<sup>3</sup>

Percent Variance

37.2695 %

## Run Data

Run	Volume	Density	Temperature
1	0.0093 cm <sup>3</sup>	0.2251 g/cm <sup>3</sup>	19.996 °C
2	0.0051 cm <sup>3</sup>	0.4148 g/cm <sup>3</sup>	20.003 °C
3	0.0036 cm <sup>3</sup>	0.5901 g/cm <sup>3</sup>	20.004 °C