

# Measurement Report

Pycnometer Serial Number: 1050044860 Software Version: 1.002.020

## Sample Information

Sample ID: Mesocell copper 1  
Sample Weight: 0.0403 g  
Date: 2023.12.11  
Start Time: 18:03:42  
Run Time: 0:07:40

## Measurement Settings

Gas Type: Nitrogen  
Target Pressure: 10.0000 psi  
Flow Direction Mode: Reference First  
Equilibration Mode: Pressure  
Temperature Control: On  
Target Temperature: 20.000 °C  
Flow Mode: Monolith  
Cell Size: Meso  
Preparation Mode: Pulse  
End Mode Criteria: Better than 0.1%

## Results

True Density

0.4673 g/cm<sup>3</sup>

Average Volume

0.0862 cm<sup>3</sup>

Percent Variance

1.3641 %

## Run Data

Run	Volume	Density	Temperature
1	0.0880 cm <sup>3</sup>	0.4579 g/cm <sup>3</sup>	20.003 °C
2	0.0854 cm <sup>3</sup>	0.4719 g/cm <sup>3</sup>	19.997 °C
3	0.0853 cm <sup>3</sup>	0.4724 g/cm <sup>3</sup>	19.996 °C