

Measurement Report

Pycnometer Serial Number: 1050044860 Software Version: 1.002.020

Sample Information

Sample ID: Mesocell barium 2
Sample Weight: 0.0286 g
Date: 2023.12.11
Start Time: 18:52:00
Run Time: 0:07:48

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

0.1793 g/cm³

Average Volume

0.1596 cm³

Percent Variance

0.5740 %

Run Data

Run	Volume	Density	Temperature
1	0.1592 cm ³	0.1797 g/cm ³	20.002 °C
2	0.1586 cm ³	0.1804 g/cm ³	19.999 °C
3	0.1609 cm ³	0.1777 g/cm ³	19.996 °C