

Measurement Report

Pycnometer Serial Number: 1050044860 Software Version: 1.002.020

Sample Information

Sample ID: Meso aft bari1
Sample Weight: 0.0335 g
Date: 2023.12.11
Start Time: 21:24:06
Run Time: 0:08:02

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

0.1651 g/cm³

Average Volume

0.2029 cm³

Percent Variance

1.0593 %

Run Data

| Run | Volume | Density | Temperature |
|-----|------------------------|--------------------------|-------------|
| 1 | 0.2062 cm ³ | 0.1625 g/cm ³ | 20.003 °C |
| 2 | 0.2005 cm ³ | 0.1671 g/cm ³ | 20.001 °C |
| 3 | 0.2022 cm ³ | 0.1657 g/cm ³ | 19.998 °C |