

Measurement Report

Pycnometer Serial Number: 1050044860 Software Version: 1.002.020

Sample Information

Sample ID: A1 vacuum 5/30
Sample Weight: 0.0288 g
Date: 2025.05.31
Start Time: 14:21:33
Run Time: 0:12:33

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

0.8983 g/cm³

Average Volume

0.0321 cm³

Percent Variance

8.0320 %

Run Data

| Run | Volume | Density | Temperature |
|-----|------------------------|--------------------------|-------------|
| 1 | 0.0359 cm ³ | 0.8017 g/cm ³ | 19.998 °C |
| 2 | 0.0311 cm ³ | 0.9248 g/cm ³ | 19.998 °C |
| 3 | 0.0291 cm ³ | 0.9892 g/cm ³ | 20.002 °C |