

Measurement Report

Pycnometer Serial Number: 1050044860 Software Version: 1.002.020

Sample Information

Sample ID: CelluloseTUBINGoh
Sample Weight: 0.2779 g
Date: 2023.06.10
Start Time: 13:45:36
Run Time: 0:10:17

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: Micro
Preparation Mode: Flow
End Mode Criteria: Better than 0.1%

Results

True Density

1.7249 g/cm³

Average Volume

0.1611 cm³

Percent Variance

0.5734 %

Run Data

| Run | Volume | Density | Temperature |
|-----|------------------------|--------------------------|-------------|
| 1 | 0.1712 cm ³ | 1.6235 g/cm ³ | 20.005 °C |
| 2 | 0.1629 cm ³ | 1.7062 g/cm ³ | 20.000 °C |
| 3 | 0.1608 cm ³ | 1.7287 g/cm ³ | 19.997 °C |
| 4 | 0.1625 cm ³ | 1.7102 g/cm ³ | 19.997 °C |
| 5 | 0.1601 cm ³ | 1.7361 g/cm ³ | 19.997 °C |