

Measurement Report

Pycnometer Serial Number: 1050044860 Software Version: 1.002.020

Sample Information

Sample ID: HA ALGINATE 13
Sample Weight: 0.1485 g
Date: 2025.07.3
Start Time: 10:59:28
Run Time: 0:07:58

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: Meso
Preparation Mode: Flow
End Mode Criteria: Fixed

Results

True Density

1.7271 g/cm³

Average Volume

0.0860 cm³

Percent Variance

1.1796 %

Run Data

Run	Volume	Density	Temperature
1	0.0873 cm ³	1.7009 g/cm ³	20.002 °C
2	0.0862 cm ³	1.7231 g/cm ³	20.000 °C
3	0.0845 cm ³	1.7582 g/cm ³	19.998 °C