

Measurement Report

Pycnometer Serial Number: 1050044860 Software Version: 1.002.020

Sample Information

Sample ID: HA ALGINATE 16
Sample Weight: 0.1626 g
Date: 2025.07.3
Start Time: 13:30:09
Run Time: 0:08:08

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

1.8498 g/cm³

Average Volume

0.0879 cm³

Percent Variance

1.1075 %

Run Data

Run	Volume	Density	Temperature
1	0.0894 cm ³	1.8196 g/cm ³	20.002 °C
2	0.0871 cm ³	1.8670 g/cm ³	20.003 °C
3	0.0873 cm ³	1.8636 g/cm ³	20.002 °C