

Measurement Report

Pycnometer Serial Number: 1050044860 Software Version: 1.002.020

Sample Information

Sample ID: HA ALGINATE 17
Sample Weight: 0.1494 g
Date: 2025.07.3
Start Time: 13:41:21
Run Time: 0:08:20

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

1.7633 g/cm³

Average Volume

0.0847 cm³

Percent Variance

1.4762 %

Run Data

Run	Volume	Density	Temperature
1	0.0865 cm ³	1.7264 g/cm ³	20.012 °C
2	0.0848 cm ³	1.7620 g/cm ³	20.000 °C
3	0.0829 cm ³	1.8032 g/cm ³	19.996 °C