

Measurement Report

Pycnometer Serial Number: 1050044860 Software Version: 1.002.020

Sample Information

Sample ID: HA ALGINATE 5
Sample Weight: 0.1168 g
Date: 2025.06.10
Start Time: 13:10:42
Run Time: 0:09:18

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: Coarse Powder
Cell Size: Meso
Preparation Mode: Flow
End Mode Criteria: Fixed

Results

True Density

1.7340 g/cm³

Average Volume

0.0674 cm³

Percent Variance

0.1656 %

Run Data

Run	Volume	Density	Temperature
1	0.0675 cm ³	1.7299 g/cm ³	20.006 °C
2	0.0674 cm ³	1.7338 g/cm ³	19.998 °C
3	0.0672 cm ³	1.7383 g/cm ³	19.994 °C