

Measurement Report

Pycnometer Serial Number: 1050044860 Software Version: 1.002.020

Sample Information

Sample ID: HA ALGINATE 4
Sample Weight: 0.1099 g
Date: 2025.06.10
Start Time: 12:58:47
Run Time: 0:09:14

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

1.6473 g/cm³

Average Volume

0.0667 cm³

Percent Variance

2.7488 %

Run Data

Run	Volume	Density	Temperature
1	0.0695 cm ³	1.5821 g/cm ³	20.021 °C
2	0.0659 cm ³	1.6682 g/cm ³	19.989 °C
3	0.0648 cm ³	1.6960 g/cm ³	19.987 °C