

Measurement Report

Pycnometer Serial Number: 1050044860 Software Version: 1.002.020

Sample Information

Sample ID: HA ALGINATE 3
Sample Weight: 0.3652 g
Date: 2025.06.10
Start Time: 12:18:06
Run Time: 0:09:48

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

2.3392 g/cm³

Average Volume

0.1561 cm³

Percent Variance

1.3694 %

Run Data

Run	Volume	Density	Temperature
1	0.1593 cm ³	2.2922 g/cm ³	19.999 °C
2	0.1548 cm ³	2.3585 g/cm ³	19.996 °C
3	0.1542 cm ³	2.3686 g/cm ³	19.996 °C