

Measurement Report

Pycnometer Serial Number: 1050044860 Software Version: 1.002.020

Sample Information

Sample ID: HA ALGINATE 8
Sample Weight: 0.3427 g
Date: 2025.06.11
Start Time: 11:03:04
Run Time: 0:09:35

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

2.2338 g/cm³

Average Volume

0.1534 cm³

Percent Variance

0.8515 %

Run Data

Run	Volume	Density	Temperature
1	0.1554 cm ³	2.2056 g/cm ³	20.006 °C
2	0.1531 cm ³	2.2387 g/cm ³	19.995 °C
3	0.1518 cm ³	2.2576 g/cm ³	19.996 °C