

Measurement Report

Pycnometer Serial Number: 1050044860 Software Version: 1.002.020

Sample Information

Sample ID: HA ALGINATE 6
Sample Weight: 0.2617 g
Date: 2025.06.11
Start Time: 10:35:46
Run Time: 0:12:15

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

0.1119 cm³

Percent Variance

0.3339 %

Run Data

Run	Volume	Density	Temperature
1	0.1115 cm ³	2.3478 g/cm ³	20.041 °C
2	0.1117 cm ³	2.3423 g/cm ³	19.993 °C
3	0.1124 cm ³	2.3275 g/cm ³	19.994 °C