

Measurement Report

Pycnometer Serial Number: 1050044860 Software Version: 1.002.020

Sample Information

Sample ID: HA ALGINATE 2
Sample Weight: 0.1756 g
Date: 2025.06.10
Start Time: 11:46:44
Run Time: 0:09:54

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

2.0683 g/cm³

Average Volume

0.0849 cm³

Percent Variance

2.6920 %

Run Data

Run	Volume	Density	Temperature
1	0.0883 cm ³	1.9880 g/cm ³	20.000 °C
2	0.0840 cm ³	2.0893 g/cm ³	19.995 °C
3	0.0823 cm ³	2.1329 g/cm ³	19.997 °C