

# Measurement Report

Pycnometer Serial Number: 1050044860 Software Version: 1.002.020

## Sample Information

Sample ID: HA ALGINATE 9  
Sample Weight: 0.1364 g  
Date: 2025.07.3  
Start Time: 10:05:21  
Run Time: 0:11:50

## 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

1.8786 g/cm<sup>3</sup>

Average Volume

0.0726 cm<sup>3</sup>

Percent Variance

1.7857 %

## Run Data

Run	Volume	Density	Temperature
1	0.0735 cm <sup>3</sup>	1.8557 g/cm <sup>3</sup>	20.087 °C
2	0.0707 cm <sup>3</sup>	1.9303 g/cm <sup>3</sup>	19.928 °C
3	0.0737 cm <sup>3</sup>	1.8518 g/cm <sup>3</sup>	19.961 °C