

# Measurement Report

Pycnometer Serial Number: 1050044860 Software Version: 1.002.020

## Sample Information

Sample ID: HA ALGINATE 22  
Sample Weight: 0.2086 g  
Date: 2025.07.4  
Start Time: 11:09:46  
Run Time: 0:07:16

## 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: Monolith  
Cell Size: Meso  
Preparation Mode: Flow  
End Mode Criteria: Fixed

## Results

True Density

2.1772 g/cm<sup>3</sup>

Average Volume

0.0958 cm<sup>3</sup>

Percent Variance

1.6722 %

## Run Data

Run	Volume	Density	Temperature
1	0.0934 cm <sup>3</sup>	2.2332 g/cm <sup>3</sup>	20.018 °C
2	0.0966 cm <sup>3</sup>	2.1593 g/cm <sup>3</sup>	20.001 °C
3	0.0974 cm <sup>3</sup>	2.1412 g/cm <sup>3</sup>	19.997 °C