

# Measurement Report

Pycnometer Serial Number: 1050044860 Software Version: 1.002.020

## Sample Information

Sample ID: HA ALGINATE 21  
Sample Weight: 0.1981 g  
Date: 2025.07.4  
Start Time: 10:57:27  
Run Time: 0:07:45

## 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

2.0621 g/cm<sup>3</sup>

Average Volume

0.0961 cm<sup>3</sup>

Percent Variance

1.9449 %

## Run Data

Run	Volume	Density	Temperature
1	0.0933 cm <sup>3</sup>	2.1241 g/cm <sup>3</sup>	20.050 °C
2	0.0978 cm <sup>3</sup>	2.0254 g/cm <sup>3</sup>	20.006 °C
3	0.0971 cm <sup>3</sup>	2.0396 g/cm <sup>3</sup>	19.990 °C