

Measurement Report

Pycnometer Serial Number: 1050044860 Software Version: 1.002.020

Sample Information

Sample ID: Urea 14
Sample Weight: 0.0801 g
Date: 2025.07.23
Start Time: 10:55:10
Run Time: 0:09:00

Measurement Settings

Gas Type: Nitrogen
Target Pressure: 18.0000 psi
Flow Direction Mode: Reference First
Equilibration Mode: Temperature and Pressure
Temperature Control: On
Target Temperature: 20.000 °C
Flow Mode: Coarse Powder
Cell Size: Nano
Preparation Mode: Flow
End Mode Criteria: Fixed

Results

True Density

1.4023 g/cm³

Average Volume

0.0571 cm³

Percent Variance

3.0268 %

Run Data

Run	Volume	Density	Temperature
1	0.0597 cm ³	1.3414 g/cm ³	20.005 °C
2	0.0565 cm ³	1.4189 g/cm ³	20.003 °C
3	0.0552 cm ³	1.4512 g/cm ³	20.001 °C