

Measurement Report

Pycnometer Serial Number: 1050044860 Software Version: 1.002.020

Sample Information

Sample ID: Urea 12
Sample Weight: 0.0971 g
Date: 2025.07.23
Start Time: 10:13:38
Run Time: 0:09:35

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

1.0828 g/cm³

Average Volume

0.0897 cm³

Percent Variance

0.4331 %

Run Data

Run	Volume	Density	Temperature
1	0.0903 cm ³	1.0758 g/cm ³	20.015 °C
2	0.0895 cm ³	1.0855 g/cm ³	19.988 °C
3	0.0893 cm ³	1.0872 g/cm ³	19.985 °C