

Measurement Report

Pycnometer Serial Number: 1050044860 Software Version: 1.002.020

Sample Information

Sample ID: 7/12 sample 1
Sample Weight: 0.5292 g
Date: 2024.07.13
Start Time: 10:45:35
Run Time: 0:18:22

Measurement Settings

Gas Type: Nitrogen
Target Pressure: 10.0000 psi
Flow Direction Mode: Reference First
Equilibration Mode: Pressure
Temperature Control: On
Target Temperature: 20.000 °C
Flow Mode: Fine Powder
Cell Size: Meso
Preparation Mode: Pulse
End Mode Criteria: Fixed

Results

True Density

1.7123 g/cm³

Average Volume

0.3091 cm³

Percent Variance

0.1556 %

Run Data

Run	Volume	Density	Temperature
1	0.3095 cm ³	1.7100 g/cm ³	20.001 °C
2	0.3081 cm ³	1.7176 g/cm ³	19.993 °C
3	0.3095 cm ³	1.7099 g/cm ³	19.995 °C
4	0.3094 cm ³	1.7102 g/cm ³	19.998 °C
5	0.3088 cm ³	1.7136 g/cm ³	20.000 °C