

Measurement Report

Pycnometer Serial Number: 1050014771 Software Version: 1.000.001

Sample Information

Sample ID: BCR-116 Limestone 4
Sample Weight: 22.8993 g
Date: 2020.08.28
Start Time: 11:45:38
Run Time: 0:20:02

Measurement Settings

Gas Type: Helium
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: Medium
Preparation Mode: Pulse
End Mode Criteria: Better than 0.1%

Results

True Density

2.7078 g/cm³

Average Volume

8.457 cm³

Percent Variance

0.0638 %

Run Data

Run	Volume	Density	Temperature
1	8.4501 cm ³	2.7100 g/cm ³	20.002 °C
2	8.4556 cm ³	2.7082 g/cm ³	19.997 °C
3	8.4650 cm ³	2.7052 g/cm ³	20.000 °C