

Measurement Report

Pycnometer Serial Number: 1050044860 Software Version: 1.002.020

Sample Information

Sample ID: 060523 alggelatinDN
Sample Weight: 0.4766 g
Date: 2023.06.6
Start Time: 13:49:51
Run Time: 0:18:32

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: Micro
Preparation Mode: Pulse
End Mode Criteria: Better than 0.1%

Results

True Density

1.7830 g/cm³

Average Volume

0.2673 cm³

Percent Variance

0.2909 %

Run Data

Run	Volume	Density	Temperature
1	0.2676 cm ³	1.7809 g/cm ³	20.001 °C
2	0.2688 cm ³	1.7733 g/cm ³	19.997 °C
3	0.2685 cm ³	1.7753 g/cm ³	19.998 °C
4	0.2670 cm ³	1.7850 g/cm ³	20.000 °C
5	0.2664 cm ³	1.7889 g/cm ³	20.002 °C