

GEOPYC DATA
GeoPyc 1360 V3.01
Envelope Density Report

Instrument: GEOPYC
Operator: CHEMIST

Date: 02/10/2023
Time: 10:32:45

Customer: PTL
Sample: EXAMPLE

Absolute Density: g/cm³
Sample Weight: 10.7555 g

Blank Data Set: Internal
Preparation Cycles: 5
Chamber Diameter: 12.7000 mm
Consolidation Force: 28.0000 N

Blank Data Source: Internal
Measured Cycles: 10
Zero Depth: 33.4671 mm
Conversion Factor: 1.1492 cm³/mm

Cycle #	Blank Counts	Sample Counts	Volume cm ³	Deviation cm ³	Density g/cm ³	Deviation g/cm ³
1	7431	5330	6.3882	0.0279	1.6836	-0.0074
2	7434	5340	6.3670	0.0066	1.6892	-0.0017
3	7442	5345	6.3761	0.0158	1.6868	-0.0042
4	7447	5352	6.3700	0.0097	1.6884	-0.0025
5	7449	5359	6.3548	-0.0054	1.6924	0.0014
6	7456	5363	6.3639	0.0036	1.6900	-0.0009
7	7458	5369	6.3518	-0.0085	1.6933	0.0022
8	7460	5374	6.3426	-0.0176	1.6957	0.0046
9	7463	5376	6.3457	-0.0145	1.6949	0.0038
10	7466	5380	6.3426	-0.0176	1.6957	0.0046

Average Envelope Volume: 6.3603 cm³
Average Envelope Density: 1.6910 g/cm³
Specific Pore Volume: xxx.xxxx cm³/g
Percent Sample Volume: 28.693 %

Standard Deviation: 0.0153
Standard Deviation: 0.0040
Percent Porosity: xx.xxx %