

## Selecto Improves Carbonation vs. Others



Location:	Phoenix
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- Test protocol inlet filter to carbonators as all current filters install in location
- Flow 3.67 GPM
- Water Temp 82°F
- Sample collation 5 min after test starts and run for 8 hours

### Test Parameters

### Comparison to others

Water Characteristic	Tap Water (no water treatment)	Selecto SMF IC620-3	Polymen hollow fibers 0.01 micron 20" housing	Pall 0.1 micron nylon membrane	Everpure MC / 4	Cuno impact technology 2 filters
Carbonation, Avg	2.6	3.23	2.87	2.7	2.8	2.78
Fluoride, ppm	1.0					
Chloride, ppm	136					
Nitrite, ppm	ND					
Nitrate, ppm	9.8					
Sulfate, ppm	77					
Sodium, ppm	150					
Chloramine	ND					
Chlorine, ppm	2.08					
Alkalinity, ppm	85					
Total Dissolved Solids, ppm	900					
Hardness, ppm	161					
PH	7.6					
Turbidity	0.12					
TOC, ppm	11.0					

Location water contains high organic & very high chlorine levels at some times

**Conclusion:** SMF IC620 hallow carbon technology shows that after over 3 years in use it has the highest carbonation level against the 4 competitor's filters mentioned above.