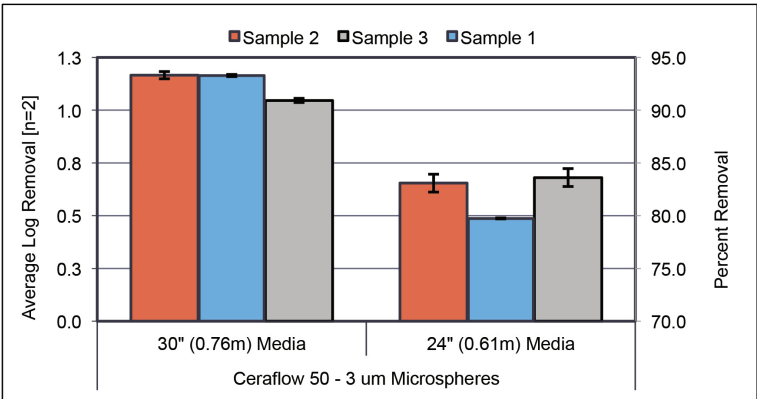




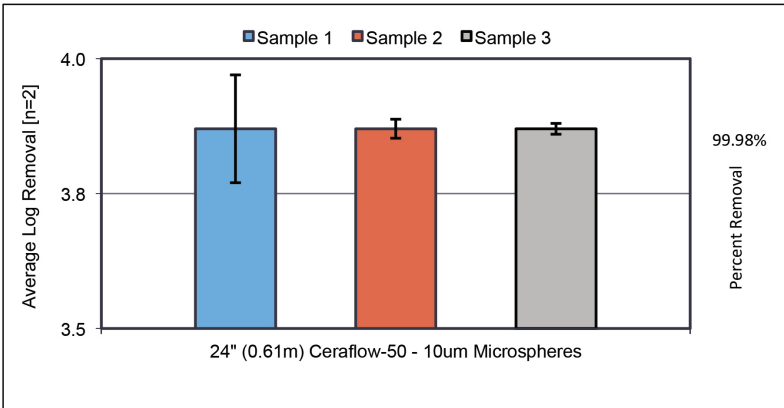
Performance Testing

Test Conditions

Test column: 2" diameter
 Filtration Rate: 9.4 gpm/ft² (22.5 M³)
 pH: 7.6
 Alkalinity (mg/l as CaCO₃) : 100
 Hardness (mg/l as CaCO₃) : 74
 Free Chlorine (mg/l): 2.0
 Total Dissolved Solids (mg/l): 425
 Total Organic Carbon (mg/L): 4.2
 Coagulation: none



3 - 5 micron microsphere log removal.
 Avg removal 24" media 79%
 Avg removal 30" media 90%



10 micron microsphere log removal values for 24" of media > 99.9%

Luminescent microspheres are dosed at the 140 - 160 spheres per ml into new filter media.

Three samples are taken at 3, 5 & 7 minutes and the feed water and effluent samples are counted.

PRODUCT SPECIFICATIONS

Parameter	Ceraflow-50
Effective Size	0.24 mm — 0.35 mm (40-60 Mesh)
Uniformity Coefficient	< 1.4 (1.25 Typical)
Density	106 lbs/ft ³ (1.7 g/cm ³)
Recommended Backwash Rate	10 gpm/ft ² (24 m/h)
Acid Solubility	<1% (0.1% typical)

Performance testing by Dr. James Amburgey, Associate Professor, UNC Charlotte.

Media performances listed are typical. Results will vary depending on water quality and filter flow rates.

CONTACT US
sales@wateropolis.com • 440-596-0325 • www.wateropolis.com

