



Performance Testing

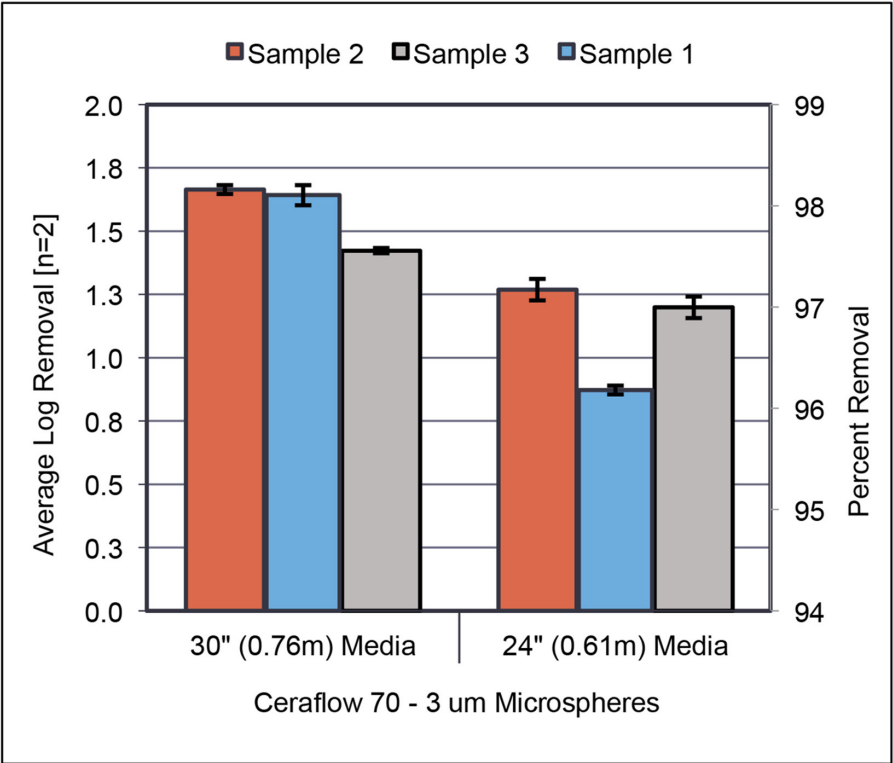
Test Conditions

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

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.

3 - 5 micron microsphere log removal.
Avg removal 30" media 97.1%
Avg removal 24" media 94.8%



PRODUCT SPECIFICATIONS

Parameter	Ceraflow-70
Effective Size	0.15 mm—0.25 mm (60-80 Mesh)
Uniformity Coefficient	< 1.4 (1.25 Typical)
Density	106 lbs/ft ³ (1.7 g/cm ³)
Recommended Backwash Rate	8 gpm/ft ² (18.3 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

