



**KDF Fluid Treatment (KDFFT)
Research and Development Laboratory**

Analytical Report

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Testing of Omica Organics Shower Filter for the Reduction of Free Chlorine to NSF Standard 177-2014

This report details the steps used by the Research and Development Laboratory of KDF Fluid Treatment (KDFFT) in testing the efficiency of an Omica Organics shower filter for the removal of free chlorine from shower water. This protocol was established following the standards set by NSF International in NSF Standard 177-2014.

Test Results

Gallons	Flow Rate	Added Chlorine	Remaining Chlorine	% Chlorine Removed
1,000	2.46 gpm	2.40 mg/L	0.03 mg/L	99%
2,000	2.48 gpm	2.03 mg/L	0.05 mg/L	98%
3,000	2.44 gpm	1.99 mg/L	0.10 mg/L	95%
7,000	2.51 gpm	2.05 mg/L	0.18 mg/L	91%
10,000	2.51 gpm	2.11 mg/L	0.21 mg/L	90%

References

NSF/ANSI 177-2014. NSF International Standard for Shower Filter Systems.
NSF International: Ann Arbor, MI
Water Analysis Handbook, 2nd Edition. 1992. HACH Company. Loveland, CO
831 pages.

Notes

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Full signed lab report, with complete procedure methodology and testing equipment list,
is available from Omica Organics upon request.