



NSF INTERNATIONAL

Protocol P151 – 2014

Health Effects from Rainwater Catchment
System Components



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NSF International
789 Dixboro Road, P.O. Box 130140 Ann
Arbor, Michigan 48113-0140
Phone: (734) 769-8010 Telex: 753215 NSF INTL
FAX: (734) 769-0109
E-mail: info@nsf.org
Web: <http://www.nsf.org>

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1 General

1.1 Purpose

This NSF Protocol was developed to assess:

- the concentration of a contaminant extracted from surfaces and components exposed to rain, and
- whether the concentration of the contaminant(s) exceeded known drinking water maximum contaminant levels and/or health advisories.

This protocol also is used as substantiation of the following NSF protocol certification:



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1.2 Scope

This testing protocol covers gutters, barrier materials and/or catchment surfaces (coatings, paints, lining and liners) placed on roof tops and ground surfaces that come in direct contact with rainwater that is collected and used as drinking water.

1.3 Limitations

The quality of the collected rainwater and its acceptability for use as drinking water is the responsibility of the appropriate regulatory agency with authority. The health risk from extractable contaminants for which the U.S. EPA has not published health effects information is the responsibility of the manufacturer of the product.