



## List of Detectable Contaminants

The following is a list of contaminants that Lishtot technology is capable of detecting in drinking water samples. This list has been confirmed by open tests, blind tests, and multiple third parties and independent testing bodies establishing the efficacy, accuracy, and precision of Lishtot's technology.

<b><u>NAME</u></b>	<b><u>TESTING CONCENTRATION</u></b>	<b><u>COMMENT</u></b>
<b>LEAD (NITRATE)</b>	15 PPB	METAL ION
<b>CADMIUM (NITRATE)</b>	10 PPB	METAL ION, DOUBLE EPA STANDARD
<b>MERCURY II (CHLORIDE)</b>	2 PPB	METAL ION
<b>COPPER</b>	1.3 PPM	METAL ION
<b>CHROMIUM (FREE METAL)</b>	100 PPB	METAL ION
<b>CHLORINE (BLEACH)</b>	2 PPM	SIGNAL DECAY OVER TIME
<b>TRIHALOMETHANES</b>	80 PPB	
<b>FLUORIDE (SODIUM)</b>	4 PPM	
<b>NITRATE (SODIUM)</b>	10 PPM	
<b>BARIUM (CHLORIDE)</b>	2 PPM	METAL ION
<b>TANNIC ACID*</b>	5 PPB	SOIL PRESENCE
<b>HUMIC ACID*</b>	5 PPB	SOIL PRESENCE
<b>PROTEIN</b>	10 UG/ML	SIGN OF HUMAN, ANIMAL, OR BACTERIAL PRESENCE
<b>E. COLI</b>	1 CFU/100 ML	SIGN OF SEWAGE
<b>SOAP</b>	TRACE	CLEANING RESIDUE
<b>MILK</b>	TRACE	
<b>ARSENIC</b>	10 PPB	AS SODIUM ARSENATE
<b>MODEL ORGANIC PESTICIDES <i>EXAMPLES:</i> MEFISTO, TRACER ULTRA, PYRMIDIFEN</b>	PPT LEVELS	RUN-OFFS, FRUIT RINSES
<b>SMALL ORGANIC COMPOUNDS (SOCs)</b>	PPB-PPT LEVELS	ORGANIC RUNOFFS



<b>EXAMPLES:</b> <b>DIMETHYLTRISULFIDE,</b> <b>TRICHLOROANISOLE,</b> <b>2,4,6-TRIBROMOPHENOL,</b> <b>2,4,6-T</b> <b>RICHLOROPHENOL,</b> <b>2,6-DIBROMOPHENOL</b>	<b>BENZALDEHYDE,</b> <b>2,4,6-</b> <b>4-CHLOROPHENOL,</b> <b>2,4,6-T</b> <b>2,6-DIBROMOPHENOL</b>		
<b>PFOA/PFOS</b>		1 PPT	