

Microbiological Analyses

Groundwater

Description	Method	TAT	Hold Time	Container
Algae Count	Microscopy	3-5 Day	ASAP	Colilert Bottle
Algae Count and Identification	Microscopy	3-5 Day	ASAP	Colilert Bottle
Anaerobic Plate Count	Mod. SM 9215B	3-5 Day	24 Hour	Sterile Container
<i>Ascaris lumbricoides</i> *	SM 10550	3 Day**	24 Hour	1- 4 Liter Bottle
<i>Bacillus anthracis</i>	CDC-PRES. 1D	2-3 Day	ASAP	Colilert Bottle or Swab Kit
Bacteria Count & Stain	Microscopy	7-10 Day	N/A	Agar Plate or Swab Kit
Coliform, Total (Colilert)	SM 9223B	2-3 Day	30 Hour	Colilert Bottle
Coliform, Total (MF)	SM 9222B	4-5 Day	30 Hour	Colilert Bottle
Coliform, Total (MPN)	SM 9221B	4-5 Day	30 Hour	Colilert Bottle
Common Large Tapeworm*	SM 10550	3 Day**	24 Hour	1- 4 Liter Bottle
Cryptosporidium*	SM 9711B	5-10 Day	48 Hour	Filter
<i>E. coli</i> (MPN)	SM 9221F	4-5 Day	6 Hour	Colilert Bottle
<i>E. coli</i> (MPN; Quanti-Tray)	SM 9223B	2-3 Day	30 Hour	Colilert Bottle
<i>Entamoeba histolytica</i> *	SM 9711C	5-7 Day	48 Hour	Filter or 4 Liter Sterile Bottle
Enteric Virus – Water	SM 9510	45-60 Day	48 Hour	Filter
Fecal Coliform (MF)	SM 9222D	24 Hour	6 Hour	Colilert Bottle
Fecal Coliform (MPN)	SM 9221E	4-5 Day	6 Hour	Colilert Bottle
Fecal <i>Streptococcus</i>	SM 9230B	4-5 Day	6 Hour	Colilert Bottle
<i>Giardia lamblia</i> *	SM 9711B	5-10 Day	48 Hour	Filter
Heterotrophic Plate Count	SM 9215B	3-5 Day	8 Hour	Colilert Bottle
Heterotrophic Plate Count (MF)	SM 9215D	3-5 Day	8 Hour	Colilert Bottle
Iron Bacteria	SM 9240B	7-10 Day	24 Hour	Colilert Bottle
<i>Legionella pneumophila</i>	SM 9260J	15 Day	24 Hour	1 Liter, Na ₂ SO ₃
<i>Listeria monocytogenes</i>	AOAC 993/992	5-7 Day	ASAP	25 gram/25 ml or Swab Kit
Microscopic Particulate Analysis (MPA)	EPA 910/9-92-029	5-10 Day	48 Hour	Filter

Mold Count	COM 17	7-10 Day	ASAP	25 gram/25 ml
<i>Naegleria fowleri</i>	ELISA	10 Day	24 Hour	1 L No preserve
Organism ID	Varies	10-15 Day	ASAP	25 gram/25 ml or Agar plate
<i>Pseudomonas aeruginosa</i>	SM 9213F	5 Day	24 Hour	Colilert Bottle
<i>Naegleria fowleri</i>	ELISA	10 Day	24 Hour	1 L No preserve
<i>Staphylococcus aureus</i>	AOAC 987.09	5 Day	ASAP	25 gram/25 ml
Sulfate Reducing Bacteria	SM 9240D	30 Day	24 Hour	Colilert Bottle - No head space
Water Suitability	SM 9020	15-20 Day	N/A	1 Liter Plastic
Yeast & Mold – Liquid	COM 17	7-10 Day	ASAP	25 ml

For further information on LEGEND's analytical capabilities please [contact us](#).