

I. Analytical Methods for the Testing of Water

Acid-consuming capacity (alkalinity)	4
Ammonium	7
Arsenic	13
Base-consuming capacity (acidity)	18
Biochemical oxygen demand (BOD ₅)	21
Cadmium	27
Calcium	32
Free carbon dioxide, carbonate and hydrogen carbonate ions	39
Chemical oxygen demand (COD)	40
Chloride	44
Chlorine	47
Chlorine demand	51
Chlorine consumption	53
Chromium	55
Copper	63
Cyanide	70
Detergents, anionic	82
Detergents, cationic	85
Fluoride	89
Hardness	94
Hydrazine	101
Hydrogen sulfide	103
Iron	106
Lead	110
Magnesium	116
Manganese	119
Mercury	124
Nitrate	127
Nitrite	134
Nitrogen	138
Oils and fats	143
Oxygen	146
Oxygen consumption	156
pH value	157
Phenols	159
Phosphate	166
Potassium permanganate-consuming capacity	169
Silicic acid (Silicate, Silicon)	173
Silver	176
Solids content and loss on ignition	180
Sulfate	182
Sulfide	187
Sulfite	195
Thiocyanate	201
Zinc	204
<i>II. References</i>	209
<i>III. Appendix</i>	210
Merckoquant®/Aquamerc®/Aquaquant®/Microquant®/Spectroquant® rapid test systems	211