

# Aquakem System Reagents

Product code	Reagent	Analyte	Kit size	Reference	MDL mg/l	Working ranges	
						Typical Low range	Typical High range
984640 984641	Ammonia R1L Ammonia R2	Ammonia	125 ml 4*20 ml	ISBN00117516139	0.002	0-2.0	0-75.0
984772 981367	Calcium	Calcium	8*20 ml 6*60 ml	Tietz Fundamentals of Clinical Chemistry 4th Ed. 215.2	0.01	0-0.25	0-250
984642 984643	Chloride R1 Chloride R1L	Chloride	4*20 ml 20*20 ml	ISBN0117516260 SMWW 4500Cl- E 325.2	0.05	0-100	0-10000
981783 981385	Magnesium	Magnesium	8*10 ml 12*20 ml	Tietz Fundamentals of Clinical Chemistry 4th Ed.	0.02	0-0.1	0 to 250
984653 984654	TON R3 TON R3L	Nitrite	4*20 ml 20*20 ml	ISBN0117515930 SMWW 4500NO2 – B 354.1	0.003	0-0.5	0-2.0
984650 984651 984652 984653 984654	TON R1L TON R2 TON R2L TON R3 TON R3L	Nitrate (TON Hyd)	125 ml 4*20 ml 6*60 ml 4*20 ml 20*20 ml	ISBN0117515930 SMWW 4500 NO3 – H 353.1	0.001	0-2.0	0-200
984067 984653 984654	Cadmium column TON R3 TON R3L	Nitrate (TON Cd)	4*20 ml 20*20 ml	ISBN0117515930 SMWW 4500 NO3 – E 353.3	0.005	0-0.2	0-10
984187	TON Enz	Nitrate (TON Enz)	Being evaluated in US EPA and in UK.				
984644 984646 984645	Phosphate R1 Phosphate R1L Phosphate R2	Phosphate	4*20 ml 20*20 ml 4*20 ml	ISBN 011751582.5 SMWW 4500 P - E 365.2	0.001	0-2.0	0-200
984648 984649	Sulphate R1 Sulphate R1L	Sulphate	4*20 ml 6*60 ml	ISBN 0117533406 SMWW 4500 SO4-2 C or D 375.4	0.05	0-500	0-1000

#### NOTE:

1. ISBN number refers to the UK blue book method
2. SMWW refers to standard Methods for the examination of water and wastewater, the 20th edition (APHA, AWWA, WEF)
3. When the number format NNN.X is used it refers to the US EPA method
4. MDL referred herein has been achievable in an authentic laboratory. Every laboratory should establish their own MDL during their method validations to meet the sample material and individual laboratory requirements.