

MH-5000 Measurement Range for Standard Condition *

Micro Emission Ltd.

◀ Detection limit with Solid Phase Extraction ◁ Detection limit ○ Recommended

Chemical Symbol	Name	Atomic Number	Measurement Range							Solid Phase Ext.	Model **	
			0.001 mg/L	0.01 mg/L	0.1 mg/L	1 mg/L	10 mg/L	100 mg/L	1000 mg/L			10 g/L
Ag	Silver	47		◁	◁	○						s2035
Al	Aluminium	13					◁	◁	○			
As	Arsenic	33				◁	◁	○				
Au	Gold	79		◁	◁	◁	◁	○			PM(A)	s2035
B	Boron	5							◁	◁		
Ba	Barium	56				◁	◁	◁	◁	○	EM(A)-Tube	
Be	Beryllium	4					◁	◁	○			s2035
Bi	Bismuth	83				◁	◁	◁	◁	○	EM(A)-Tube	
Ca	Calcium	20		◁	◁	◁	◁	○			EM(A)-Tube	
Cd	Cadmium	48	◁	◁	◁	◁	◁	○			EM(A)-Tube	s2035
Co	Cobalt	27			◁	◁	◁	◁	◁	○	EM(A)-Tube	s2035
Cr	Chromium	24			◁	◁	◁	◁	◁	○	Cr(A)	
Cs	Caesium	55				◁	◁	◁				
Cu	Copper	29				◁	◁	◁		◁		s2035
Eu	Europium	63								◁		
Fe	Iron	26			◁	◁	◁	◁	◁	○	EM(A)-Tube	s2035
Ga	Gallium	31			◁	◁	◁	◁			EM(A)-Tube	
Ge	Germanium	32								◁		
Hg	Mercury	80		◁	◁	◁	◁	◁			Hg(A)	s2035
I	Iodine	53								◁		
In	Indium	49	◁	◁	◁	◁	◁	◁			EM(A)-Tube	
K	Potassium	19		◁	◁	◁	◁	◁				
Li	Lithium	3		◁	◁	◁	◁	◁				
Mg	Magnesium	12				◁	◁	◁	◁	○		s2035
Mn	Manganese	25		◁	◁	◁	◁	◁	◁	○	EM(A)-Tube	s2035
Mo	Molybdenum	42					◁	◁	◁	◁	EM(A)-Tube	
Na	Sodium	11		◁	◁	◁	◁	◁				
Ni	Nickel	28				◁	◁	◁	◁	◁	EM(A)-Tube	
P	Phosphorus	15								◁		
Pb	Lead	82	◁	◁	◁	◁	◁	◁			Pb(A)	
Pd	Palladium	46				◁	◁	◁	◁	◁	PM(A)	s2035
Pt	Platinum	78				◁	◁	◁	◁	◁	PM(A)	
Rb	Rubidium	37				◁	◁	◁	◁	◁		
Rh	Rhodium	45					◁	◁	◁	◁		
Ru	Ruthenium	44								◁		
Sb	Antimony	51					◁	◁	◁	◁		
Sc	Scandium	21					◁	◁	◁	◁	EM(A)-Tube	
Se	Selenium	34			◁	◁	◁	◁	◁	◁	AN(A)	s2035
Sn	Tin	50					◁	◁	◁	◁		
Sr	Strontium	38			◁	◁	◁	◁	◁	◁	EM(A)-Tube	
Te	Tellurium	52					◁	◁	◁	◁		
Tl	Thallium	81		◁	◁	◁	◁	◁	◁	◁		
Yb	Ytterbium	70								◁		
Zn	Zinc	30	◁	◁	◁	◁	◁	◁	◁	◁	EM(A)-Tube	s2035

* Measurement range depends on condition. Typical charged voltage: 800V
 ** Blank: MH-5000 s2086 / s2035 : MH-5000 s2035