

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					◁	◁	◁	◁	○	EM(A)-Tube		
Sc	Scandium	21					◁	◁	◁	◁	○			
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