

Table 1 Wavelengths use in measuring light absorbance for various metals at different lamp apertures and instrument used

Heavy metal	Cu	Cd	Cr	Fe	Mn	Ni	Pb	Zn	Ca	Mg
Wavelength (nm)	324.8	326.1	357.9	248.4	279.5	341.5	283.3	213.9	422.7	202.6
Lamp aperture (nm)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Instrument used	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	FP	FP

Note: AAS = Atomic absorption spectrophotometer; FP = Flame photometer