

Table 1. Instrumental methods for uranium analysis in the literature

Method	Detection limit	Source
Inductively coupled plasma-atomic emission spectrometry	8.4 nM	Ref. 1
Inductively coupled plasma-mass spectrometry	420 pM	Ref. 2
Atomic absorption spectrometry	336 nM	Ref. 3
Stripping voltammetry	100 pM	Ref. 4
Phosphorimetry	42 pM	Ref. 5
Kinetic phosphorimetry	4.2 pM	Ref. 6
Catalytic DNA sensor	45 pM	This work

1. Huff EA, Bowers DL (1990) *Appl Spectrosc* 44:728-729.
2. Boomer DW, Powell MJ (1987) *Anal Chem* 59:2810-2813.
3. Abbasi SA (1989) *Int J Environ Anal Chem* 36:163-172.
4. Mlakar M, Branica M (1989) *Anal Chim Acta* 221:279-287.
5. Kaminski R, Purcell FJ, Russavage E (1981) *Anal Chem* 53:1093-1096.
6. Brina R, Miller AG (1992) *Anal Chem* 64:1413-1418.