

Calibration curves for Ni (II) and Cr (IV)

Concentration and absorbance values of Ni and Cr are given in **Table 1** and **Table 2** respectively. Their graphical representation is shown in **Fig. 1.** and **Fig. 2.**

Table 1. Calibration curve values for nickel

Concentration standards (ppm)	Absorbance
0	0.0005
1	0.0557
5	0.1896
10	0.2455775
20	0.580325
30	0.915075
40	1.249825
50	1.584575
60	1.919325
70	2.254075
80	2.588825
90	2.923575
100	3.235825

Table 2. Calibration curve values for chromium

Concentration (ppm)	Absorbance
0	0.0005
1	0.0095
5	0.0304
10	0.037525
20	0.089775
30	0.142025
40	0.194275
50	0.246525
60	0.298775
70	0.351025
80	0.403275
90	0.455
100	0.501

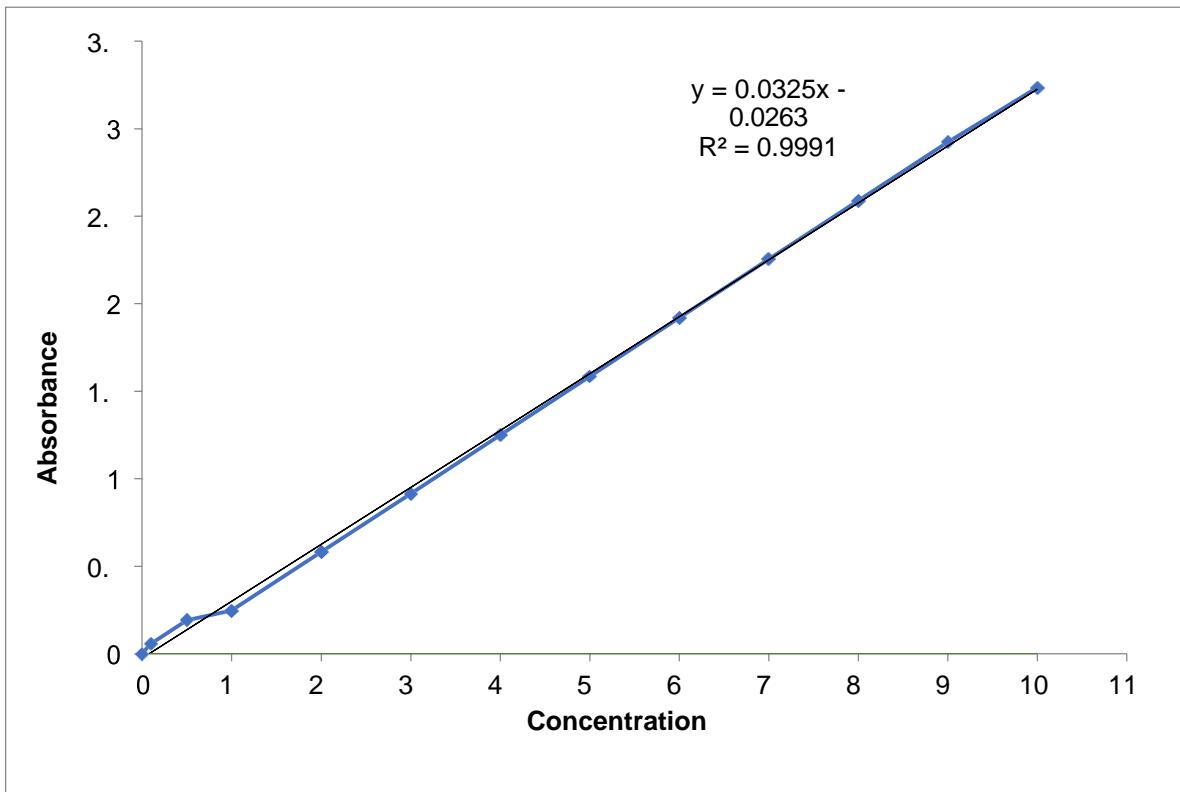


Fig. 1. Standard curve of Ni

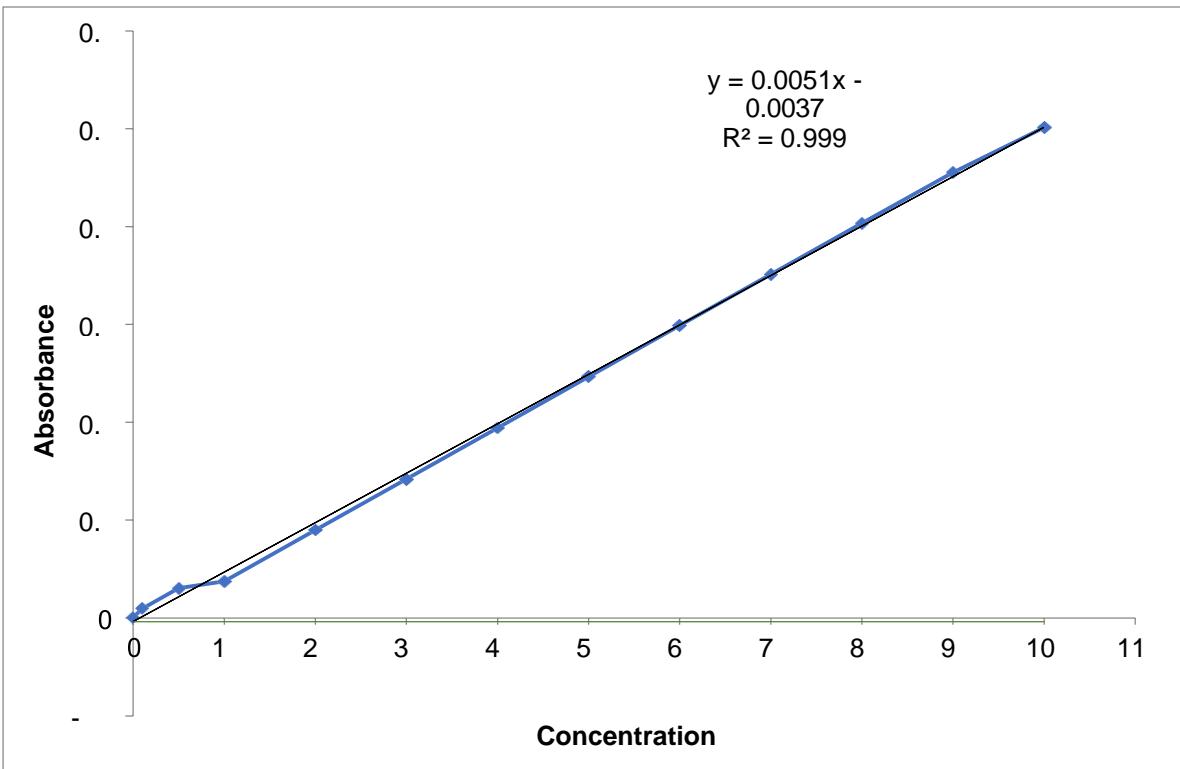


Fig. 2. Standard Curve of Cr