

Turkish Journal of Chemistry


Turkish Journal

of

Chemistry

Synthesis of 4-Benzyl-1-Piperazineglyoxime and its Use in the Spectrophotometric Determination of Nickel

Mustafa MACİT, Hümeýra BATI, Bekir BATI
Ondokuzmayıs University, Department of Chemistry,
55139, Samsun-TURKEY

 [Keywords](#)
 [Authors](#)

Abstract: A new reagent, 4-benzyl-1-piperazineglyoxime(BPGH₂), was synthesized and used for developing a simple and rapid extractive method for the spectrophotometric determination of nickel. This method is based on the selective extraction of nickel complex from aqueous solution into carbontetrachloride and the measurement of the absorption at 267 nm. The method was applied to the determination of nickel ion in some standard and practical samples.



chem@tubitak.gov.tr

[Scientific Journals Home
Page](#)

Turk. J. Chem., **24**, (2000), 81-88.

Full text: [pdf](#)

Other articles published in the same issue: [Turk. J. Chem.,vol.24,iss.1.](#)