

Abstract

Analytical determination of drugs by spectral methods II.

Thesis

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A method for determining plumb and nickel in glucose by atomic absorption spectrometry has been optimized. We used Shimadzu AA-7000 Series with atomization in the flame. A combination of acetylene and air was used and specimens were measured at wave length 283.3 nm for plumb and at 232.0 for nickel.

Following these conditions the method was validated. The accuracy, precision and linearity were also verified. All tested parameters satisfied the criterions.

Key words: Atomic Absorption Spectroscopy, Plumb, Nickel.