

Penentuan kadar vitamin B1 dan vitamin B2 dalam tablet vitamin B kompleks

Ibrahim Koatma, author

Deskripsi Lengkap: <https://lib.ui.ac.id/detail?id=20176858&lokasi=lokal>

Abstrak

Telah dilakukan penentuan kadar' vitamin dalam tablet vitamin B kompleks dengan cara kolorimetri dan cara spektrofluorometri, dan penentuan kadar vitamin Bg dalam tablet vitamin B kompleks . dengan cara spektrofluorometri, cara kolorimetri untuk penentuan kadar vitamin ternyata tidak dapat dilakukan, karena Nicotinaraid akan ikut diendapkan bersama-sama vitamin B⁺ oleh ammonium reineckat. Penentuan kadar denj⁺?an cara spektrofluorometri untuk vitamin dan vitamin f1⁺, ternyata mernberikan basil yang cukup memuaskan, tetapi pacia penentuan kadar vitamin Bp dengan cara spektrofluorometri konsuntrasi vitarnlii Bg bai'us dinaikkan 10 kali lebih besar dari prosedur semula»

.....A determination of vitamin cdncentratioxi in vitamin B eoraplex tablets had been carried out with the Colorimetrio method and the Spectrofluorometric method, and a determination of vi tamin B2 concentration in vitamin B complex tablets v/ith the'~ ^ Spectrofluorometric method. The Goloriraetric method for the determination of vitamin concentration could not be put in to practice becauce the Kicotinarnide would also be precipitated together with vitamin by Ammonium Reineckat. A determination of concentration with the Spectrofluorometric method of vitamin B⁺ and vitamin Bg give evidence of a isatisfying result, but in the' determination of vitamin Bg concentration with the Spectro fluorometric method, the vitamin concentration had to be raised ten times from the original procedure.