



ABSTRACT

ADELIA SEPTIANI PUTRI. Analysis of Sodium Content in Milk Powder by Atomic Absorption Spechtrophotometer. Supervised by ERNI SULISTIAWATI and BAMBANG TRIANA.

Milk contains high nutrients are good to be consumed every day, one of which is a mineral. Sodium is one of the essential macro minerals that has a role in the body as a regulator of body fluids, blood pressure and osmotic pressure. excess sodium in the body can lead to hypertension. Therefore, the importance of controlling daily sodium intake. Analysis of mineral content of milk powder was carried out by atomic absorption spectrophotometer. Samples were analyzed by three unidentified samples. Sodium content in A code milk of 43.05 mg/100g, code milk B of 74.39 mg/100g and milk of C code undetected. Sodium content in milk powder has value less than 1500 mg in accordance with the provisions of the limit of nutritional adequacy recommended for the Indonesian nation as stipulated by Regulation of the Minister of Health of the Republic of Indonesia Number 75 Year 2013 so that it can be said that milk powder safe for consumption without causing excess sodium.

Keywords: Atomic absorption spectrophotometer, milk powder, mineral sodium



Sekolah Vokasi
College of Vocational Studies