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THE ANALYSIS OF MEDICINAL CHEMICALS DEXAMETHASONE IN PEGAL LINU HERBAL IN MADURA BY UV-VIS SPECTROPHOTOMETRIC METHOD	
ABSTRACT <i>Jamu is a traditional medicine that is still widely used by Indonesian people, including in Madura, to treat complaints such as body aches. With the addition of medicinal chemicals such as dexamethasone, it is a corticosteroid drug that can cause side effects such as osteoporosis, hormonal disorders, and suppression of the immune system when used without medical supervision. This study aims to analyze the presence and levels of dexamethasone in Herbal medicine circulating in Madura.</i> <i>This study used an experimental method with a quantitative descriptive design. A total of 16 pegal linu herbal samples were taken from four districts in Madura. The analysis was performed qualitatively using Thin Layer Chromatography (KLT) and quantitatively by UV-Vis Spectrophotometry. Determination of the maximum wavelength was carried out at 240 nm with a calibration curve that had an R² value of 0.9955.</i> <i>The results showed that four samples tested positive for dexamethasone, in four brands of herbal medicine with varying percentages: Sumenep 12.447%, Pamekasan 11.197%, Sampang 7.409%, and Bangkalan 7.106%. The results indicated the presence of medicinal chemicals in four brands of pegal linu herbal on the island of Madura.</i> <i>Future research is recommended to use a wider number and variety of samples, as well as more sensitive analytical methods such as HPLC or LC-MS.</i> Keywords: Dexamethasone, Herbal Medicine, Medicinal Chemicals, UV-Vis Spectrophotometry	