

ABSTRACT

(LITERATURE REVIEW)

IDENTIFIKASI SENYAWA PARACETAMOL DALAM JAMU PEGEL LINU SEDIAAN SERBUK SECARA KROMATOGRAFI LAPIS TIPIS

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Abstract

Currently, the use of natural medicines tends to increase from year to year. The tendency to return to nature (back to nature) is used as an alternative in the selection of treatment. Jamu is a cultural heritage of the Indonesian nation in the form of medicinal plant ingredients that have been used for more than three generations which have been proven to be safe and have health benefits. The purpose of this study was to determine the presence or absence of the medicinal chemical (BKO) paracetamol in the herbal medicine powder preparations circulating in the market. Samples of herbal medicine pegel linu in this study were obtained from several different places with the sampling technique used was non-probability sampling by purposive sampling where sampling was carried out on the basis of the researcher's considerations. The content of paracetamol in herbal medicine was tested qualitatively using the Thin Layer Chromatography (TLC) method. The results of the five herbs analyzed indicated a positive sample containing paracetamol, indicated by the results of the same Rf value, namely 1. The level of paracetamol in the positive sample containing the paracetamol drug chemical was 8.1% in sample E and 9.45% in sample E. sample D.

Key words : Paracetamol, herbal medicine for pegel rheumatic pain, KLT