

Preliminary study of mass transfer for liquid- liquid extraction on a new type of structured packing

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Abstract A new type of structured packing was tested in a liquid – liquid extraction process. The new structured packing was made of corrugated metal gauze and it was studied in an extraction column comparatively with other type of extractors: the spray column and the column equipped with Sulzer packing. The study was performed on the system Gasoline – 1 propanethiol – NaOH solution. The results of this preliminary study are encouraging so further studies will follow.

Keywords: liquid- liquid extraction, structured packing.
