

Title (en)  
ARYLALKYLAMINE, PYRROLE, INDOLE AND OPIATE DERIVATIVE CONCENTRATION DETERMINATION METHOD AND TEST KIT USING SAID METHOD

Title (de)  
ARYLALKYLAMIN-, PYRROL-, INDOL- UND OPIATDERIVATKONZENTRATIONSBESTIMMUNGSVERFAHREN SOWIE TESTKIT UNTER VERWENDUNG DIESER VERFAHRENS

Title (fr)  
PROCÉDÉ POUR DÉTERMINER LA CONCENTRATION EN DÉRIVÉS D'ARYLALKYLAMINE, DE PYRROLE, D'INDOLE ET D'OPIACÉS ET TROUSSE D'ANALYSE UTILISANT CE PROCÉDÉ

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Application  
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Abstract (en)  
[origin: CA3145995A1] The invention relates to an arylalkylamine, pyrrole, indole and opiate derivative concentration determination method and a test kit using said method for precise determination of the presence and precise concentration of said substances which have an indole as a structural element and similarly structured substances having primary amines or pyrrole compounds, phenylethylamines and other substances. The problem addressed by the invention is that of providing an arylalkylamine, pyrrole, indole and opiate derivative concentration determination method and a test kit for concentration determination, which provide fast, low-cost and low-effort quantitative detection of indole derivatives, in particular of psilocybin, and of arylalkylamine, pyrrole or opiate derivatives and in so doing enable precise determination of the presence and precise concentrations of different natural substances, such as psilocybin, for example, which have an indole as a structural fragment, and similarly structured substances having primary or secondary amines or pyrrole compounds in a rapid test. Said problem is solved in that the method comprises two method steps in the form of an extraction step and a subsequent analysis step using a color reagent, wherein in the analysis step at least one color reagent having at least one arylalkyl, pyrrole, indole or opiate derivative causes a quantitative and linear color reaction which is measurable by means of colorimetric methods and which is detected and evaluated.

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