

Title (en)

METHOD FOR DETERMINATION OF CONCENTRATION, CHARGE OR UNIT SIZE OF A SUBSTANCE

Title (de)

VERFAHREN ZUR BESTIMMUNG DER KONZENTRATION, LADUNG ODER GRÖSSENEINHEIT EINER SUBSTANZ

Title (fr)

PROCÉDÉ DE DÉTERMINATION DE LA CONCENTRATION, LA CHARGE OU LA TAILLE UNITAIRE D'UNE SUBSTANCE

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Application

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Abstract (en)

[origin: WO2007077291A1] This invention relates to a method suitable for determining concentration, charge and/or unit size of a substance to be analyzed, i.e. a sample substance, comprising the steps of a) contacting a sample containing a sample substance and a solid phase, and optionally a substance containing a signal element, i.e. a signal element substance; wherein at least one of said sample substance, said solid phase, and said signal element substance comprises a signal element; wherein the surface of the solid phase contains no specific binding partners; and wherein the solid phase is capable of binding said sample substance nonspecifically, preferably through adsorption, to said solid phase, and b) detecting a signal change resulted from i) binding of said sample substance and/or signal element substance to said solid phase, and/or ii) change in distance from said sample substance and/or said signal element substance to said solid phase.

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