

Title (en)

ENHANCED RESOLUTION MALDI TOF-MS SAMPLE SURFACE

Title (de)

PROBENOberFLÄCHE FÜR VERBESSERTE AUFLÖSUNG BEI DER LASERDESORPTIONS- UND LASERIONISATIONSFLUGZEITMASSENSPEKTROSKOPIE

Title (fr)

SM PAR TDV A DESORPTION LASER ASSISTEE PAR MATRICE A RESOLUTION AMELIOREE

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Application

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Priority

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Abstract (en)

[origin: WO9515001A2] A thin layer for sample analysis by matrix-assisted laser desorption mass spectrometry, comprising a matrix material in a supported dispersion wherein the support is a solid or is formed from a solid. The invention is also directed to a method of making a thin layer for sample analysis by matrix-assisted laser desorption mass spectrometry, the layer comprising a matrix-solid composition disposed upon a substrate, comprising the step of depositing a solution containing matrix, solid and solvent upon a spinning substrate at a deposition rate sufficient to allow evaporation of the solvent, thereby interspersing the matrix and support on the substrate in a thin layer. Enhanced mass resolution is described.

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