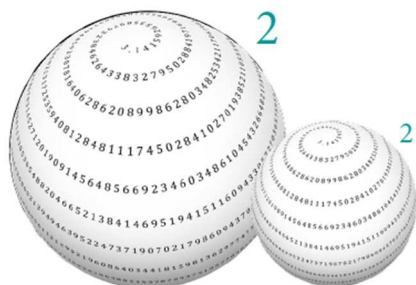


Press releases for Arab Lab 2018

NUCLEODUR® π^2

With NUCLEODUR® π^2 MACHEREY-NAGEL offers a silica phase for π - π and hydrophobic interactions based on biphenylpropyl modified fully porous silica. NUCLEODUR® π^2 columns provide alternative selectivity compared to classical C18 phases and thus are especially recommended for sophisticated separations of aromatic and unsaturated compounds.

Applications for antibiotics, dyes, steroids, anthocyanins, pesticides, biozides, isothiazolinones and PAHs can be found in the MN application database (www.mn-net.com/apps).



Further information on NUCLEODUR® π^2 at: <https://www.mn-net.com/tabid/12807/default.aspx>

NUCLEOSHELL® Biphenyl and NUCLEOSHELL® Bluebird RP 18

The core-shell product range of MACHEREY-NAGEL has been extended by NUCLEOSHELL® Bluebird RP 18 and NUCLEOSHELL® Biphenyl.

Due to polar endcapping and core-shell technology NUCLEOSHELL® Bluebird RP 18 can be used for fast analyses under highly aqueous conditions, especially for very polar analytes.

NUCLEOSHELL® Biphenyl features enhanced π - π interactions and a remarkable efficiency for separation of aromatic and unsaturated analytes combined with a high hydrophobicity in comparison to other aryl phases.

Applications for pharmaceuticals, mycotoxins, phthalates, THC and derivatives, pesticides, water soluble vitamins, organic acids, hormones and sweeteners can be found in the MN application database (www.mn-net.com/apps).

Further information on NUCLEOSHELL® Bluebird RP 18 at: <https://www.mn-net.com/tabid/12978/default.aspx>



Further information on NUCLEOSHELL® Biphenyl at: <https://www.mn-net.com/tabid/13059/default.aspx>

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TLC and HPTLC plates with high definition characteristics

In thin-layer chromatography, sharp bands, good visualization of the separated spots and sufficiently high R_f values are important in order to obtain the needed results for good analyte identification and quantification.

The improved TLC (SIL HD) and HPTLC (Nano-SIL HD) glass plates from MACHEREY-NAGEL fulfill all requirements of modern thin-layer chromatography. High-resolution properties, outstanding staining characteristics and low-noise background of the silica gel layer as well as an UV indicator with brilliant luminosity.

Examples of successful separation results with the new products are aflatoxins, steroids, pesticides, insecticides, vitamins, sulfonamides, flavonoids etc.

Available as glass plates with or without fluorescent indicator



Further information on SIL HD and Nano-SIL HD at: <https://www.mn-net.com/TLC>



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