

## HPLC Columns



### Macherey-Nagel Quality Assurance System

As a result of years of innovative research and development Macherey-Nagel products are regarded as very reliable analytical tools with world-wide respect. Macherey-Nagel's fully documented Quality Assurance System applies to each area of activity and the company is in compliance with EN ISO 9001 and EN ISO 13485. Effectiveness and improvement of the QA System are subject to periodical external audits by TÜV Rheinland and FDA. Customers benefit from continuous quality improvement to an already high quality line of chromatography equipment and accessories.

Columns:

- [NUCLEODUR®](#) - high purity silica phases / meeting highest demands in HPLC
- [NUCLEOSHELL®](#) - core-shell silica phases / for highest efficiency HPLC
- [NUCLEOSIL®](#) - standard silica phases / widest choice of modifications

Phases for special applications (silica-based or polymer-based)

- [environmental analyses](#)
- [sugars](#)
- [enantiomer separation](#)
- [GPC](#)
- [separation of biopolymers](#)



### List of columns

#### REVERSED PHASE ODS

- Nucleodur C18 ec
- Nucleodur C18 Gravity
- Nucleodur C18 HTec
- Nucleodur C18 Isis
- Nucleodur C18 PAH
- Nucleodur C18 Pyramid
- Nucleosil C18
- Nucleosil C18 AB
- Nucleosil C18 HD
- Nucleosil C18 Nautilus
- Nucleosil C18 PAH

#### ION EXCHANGE

- Nucleogel SAX
- Nucleogel SCX
- Nucleogen DEAE
- Nucleosil 4000-7 PEI
- Nucleosil SA
- Nucleosil SB

#### SEC / GPC

#### REVERSED PHASE OTHERS

- Nucleodur C8 ec
- Nucleodur C8 Gravity
- Nucleodur CN/CN-RP
- Nucleodur Sphinx RP
- Nucleogel RP
- Nucleosil C2
- Nucleosil C4
- Nucleosil C6H5
- Nucleosil C6H5 ec
- Nucleosil C8
- Nucleosil C8 HD
- Nucleosil C8ec
- Nucleosil MPN
- Nucleosil PPN
- Nucleosil Protect I

#### ION EXCLUSION

- Nucleogel Ion 300 OA
- Nucleogel Sugar 810 Ca
- Nucleogel Sugar 810 H
- Nucleogel Sugar Ca
- Nucleogel Sugar Na
- Nucleogel Sugar Pb

#### ION CHROMATOGRAPHY

#### NORMAL PHASE

- Nucleodur CN/CN-RP
- Nucleodur HILIC
- Nucleodur NH2/NH2-RP
- Nucleodur unmodified
- Nucleogen DEAE
- Nucleosil Carbohydrate (amino)
- Nucleosil CN
- Nucleosil N(CH3)2
- Nucleosil NH2
- Nucleosil NO2 (nitrophenyl)
- Nucleosil OH
- Nucleosil unmodified

#### CHIRAL

- Nucleocel
- Nucleodex
- Nucleosil Chiral-1
- Nucleosil Chiral-2/3
- Resolvosil BSA-7



---

- Nucleogel GPC

- Nucleogel Anion I
- Nucleosil Anion II