Hexon

LABORATORIES PVT. LTD

NeoVial
HPLC Vials

NeoSphere
HPLC Column

Hexon
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Respected Customers,

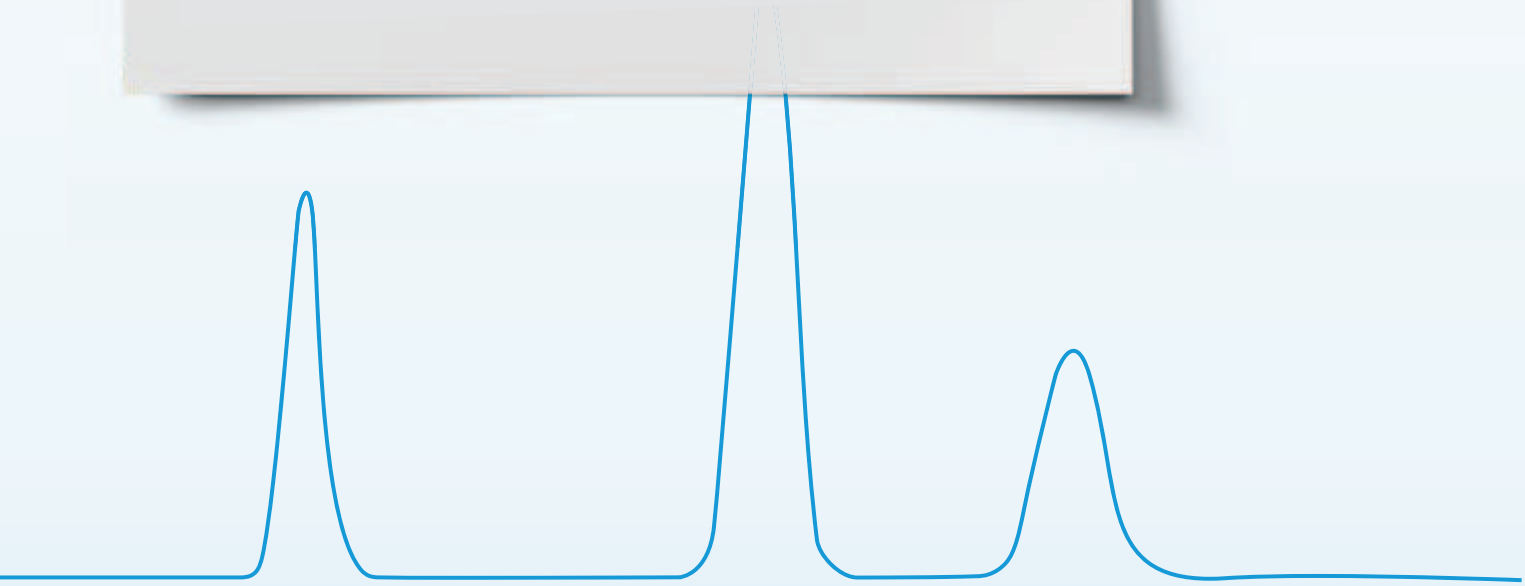
Thank you very much for your great support, Hexon is a fastest growing professionally managed organization engaged in variety of segments like Chromatography, Chemicals & Bio products.
In the chromatography segment we have our well established brand "NeoSphere" HPLC columns & "NeoVials" HPLC vials.

All our chromatography products are manufactured in worldclass robust manufacturing facility in Germany under stringent controls of quality.

Hexon is continuously endeavoring to innovate & develop latest technology products to provide highest standards of quality at effective cost.

Hexon is a German collaboration company having business presence worldwide in all our different segments, Our moto is our satisfied clients, quality products & our brand value.

Hexon Team.



NeoSphere (HPLC Column)

NeoSphere HPLC Columns are manufactured state of the art facility in Germany under stringent controls of quality. NeoSphere is extremely ultra pure stationary phase, spherical & completely porous silica gel having constant specific area. NeoSphere packing materials have extra ordinary purity and free from metallic contaminants that could hinder optimum peak shape.

Product Features:

100% manufactured & packed on Europe standards.
Quality Management System DIN EN ISO 9001:2000
Ultra pure Silica
Batch to batch reproducibility
Highly based deactivated
Maximum hydrophobicity
Enhanced pH Stability
New selectivites
No Metal impurities
Excellent performance
Every column is individually tested

Quality Control of NeoSphere Bonded Stationary Phases:

- Elemental analysis (C, H, N)
- Elemental analysis (%C, %N)
- Surface coverage (µmol/m2)
- 29Si-and 13C-soild-state NMR spectroscopy
- Chromatographic tests
- Batch to batch reproducibility of stationary phases
- Individual Column Test Report
- Control of Column Packing Quality

NeoSphere Product List

Available in Particle Size: 3, 3.5, 5, 10 u

Sr.	Name	Product Code	Carbon Loading	Mean pore Diameter A°	Surface Area m^2/g	pH range	End Capping	USP Listing
1	NeoSphere C18 R	NF180	20%	100	330	1-10	Yes	L1
2	NeoSphere C18 Excel	NFE180	17%	120	300	1-10	Yes	L1
3	NeoSphere C18 Ultima	NSF185	17.5% 18.5% 11% 7%	120 60 200 300	300 450 200 100	1-10	Yes	L1
4	NeoSphere C18 Star polar	NSF18A	18.5% 12.5% 8.5%	120 200 300	330 200 100	1-10	Yes	L1
5	NeoSphere C18 Aqua	NF184	14% 9%	120 200	300 200	1-12	Yes	L1
6	NeoSphere C18 Aqua Excel	NF183	17%	120	300	1-12	Yes	L1
7	NeoSphere Spheristar ODS1	NSD180S0	7%	80	220	2 - 8	No	L1
8	NeoSphere Spheristar ODS2	NSD181S0	12%	80	220	2 - 8	Yes	L1
9	NeoSphere Hyperstar ODS	NHF180	9.5%	120	170	2 - 8	Yes	L1
10	NeoSphere Hyperstar C18 BDS	NHF181	11%	130	170	2 - 8	Yes	L1
11	NeoSphere NeoBond	NF180WB	10%	120	330	2 - 8	Yes	L1
12	NeoSphere Intra ODS	NF111	19%	120	450	2 - 8	Yes	L1
13	NeoSphere C18 Euro	NFE181	17%	120	300	1-10	Yes	L1
14	NeoSphere C8 R	NF08A	12%	120	300	1-10	Yes	L7
15	NeoSphere C8 Excel	NF080	10% 12% 7% 4%	120 60 200 300	300 450 200 100	1-10	Yes	L7
16	NeoSphere C8 KromNeo	NF08KN	12%	100	330	1-10	Yes	L7
17	NeoSphere C8 Hyperstar BDS	NHF08	7%	130	170	2 - 8	Yes	L7
18	NeoSphere Phenyl	Nf050	10% 12%	120 60	300 450	1-10	Yes	L11
19	NeoSphere Cyno (EC)	NF201	5%	120	300	2 - 8	Yes	L10
20	NeoSphere Amino (EC)	NF190	5%	120	300	2 - 8	Yes	L8
21	NeoSphere Diol	NF410	4%	120	300	2 - 8	No	L20
22	NeoSphere Silica	NF000	0%	120 60 300	300 450 100	2 - 8	No	L3
23	NeoSphere C1	NF010	3%	120	300	2 - 8	No	L16
24	NeoSphere C4	NF040	5.5% 2.5% 3.5% 7.5%	120 300 200 60	300 100 200 450	1-10	No	L26
25	NeoSphere C30	NF300	20% 13%	200 300	200 100	1-10	No	L62
26	NeoSphere C30 (EC)	NF301	13%	300	100	1-10	Yes	L62

NeoSphere Product List

Diamond Series (Short columns)

Sr.	Name	Product Code	Carbon Loading	Mean pore Diameter A°	Surface Area m^2/g	pH range	End Capping	USP Listing
27	C18 StarPolar 30 mmx2.0mm,2.2u	NDSP18UP022	18.5%	120	300	1 - 10	Yes	L1
28	C18 StarPolar 50mmx2.0mm,2.2u	NDSP18UP022	18.5%	120	300	1 - 10	Yes	L1
29	C18 StarPolar 100mmx2.0mm,2.2u	NDSP18UP022	18.5%	120	300	1 - 10	Yes	L1
30	C18 Excel 30 mm x 2.0mm, 2.2u	NDE18UP022	17%	120	300	1 - 10	Yes	L1
31	C18 Excel 50mm x 2.0mm, 2.2u	NDE18UP022	17%	120	300	1 - 10	Yes	L1
32	C18 Excel 100 mm x 2.0mm , 2.2u	NDE18UP022	17%	120	300	1 - 10	Yes	L1
33	C8 R 50 mm x 2.0mm, 2.2u	NDNF08UP022	12%	120	300	1 - 10	Yes	L7

Guard Columns (Pack of 5)

Sr.	Name	Product Code	Carbon Loading	Mean pore Diameter	Surface Area m^2/g
34	NeoSphere C18 R 10mm x 4.0mm, 3u	NF180P03-G1040	20%	100	330
35	NeoSphere C18 R 10mm x 4.0mm, 5u	NF180P050-G1040	20%	100	330
36	NeoSphere C18 R 20mm x 4.0mm, 3u	NF180P03-G2040	20%	100	330
37	NeoSphere C18 R 20mm x 4.0mm, 5u	NF180P050-G2040	20%	100	330
38	NeoSphere C8 R 10mm x 4.0mm, 3u	NF08AP03-G1040	12%	120	300
39	NeoSphere C8 R 10mm x 4.0mm, 5u	NF08AP050-G1040	12%	120	300
40	NeoSphere C8 R 20mm x 4.0mm, 3u	NF08AP03-G2040	12%	120	300
41	NeoSphere C8 R 20mm x 4.0mm,5u	NF08AP050-G2040	12%	120	300
42	NeoSphere Guard cartridge holder	NGH001			

Part number information for ordering analytical columns sr. No.1 to 26

For e.g NeoSphere C18 R 250 x 4.6mm, 5u Part No. NF180P050-25046

NF180
Prod code

Product code:
Refer in product list.

P050
Pratical size

Particle size code:
3u : P03
3.5u : P035
5 u : P050
10u : P010

25046
Dimension Lengh + ID

Dimension in mm

NeoSphere C18 R

- High reproducibility & chemical stability
- Fully end capped
- Stable from pH 1 to 10
- Guarantee for batch to batch reproducibility
- Can replace Kromasil C18

NeoSphere C18 Excel

- Highest bonding density
- Fully end capped
- Excellent shape selectivity
- Stability even at pH 1
- Separate cis/trans isomers

NeoSphere C18 Ultima

- Applicable in a wide range of RP-chromatography
- Excellent properties for the separation of biomolecules Such as proteins and peptides
- New generation stationary phase
- Fully end capped

NeoSphere C18 Star Polar

- Belongs to new group of RP material with polar embedded groups.
- It is stable over a wide pH range 1-10.
- Offers maximum hydrophobicity combined with maximum polar selectivity.
- Strong basic compounds like amitriptyline can be eluted in neutral mobile phase (pH 7) with excellent symmetrical peak shape.
- Applicable where the analysis often have basic or acidic groups.
- Shows enhanced polar selectivity

NeoSphere C18 Aqua

- Unique bonding technology use in aqueous mobile phase with organic content below 10%.
- Excellent peak shapes
- Can be illustrated in application with polar analysts.
- Strongly polar water soluble samples can be separated
- Fully end capped.

NeoSphere Hyperstar ODS

- Type A Silica & has the same bonding density like the original RP support.
- Silanophilc activity & the polarity of surface is comparable.
- Same selectivity but better peak shape for the elution of basic compounds are observed.

NeoSphere Hyperstar C18 BDS

- Type Silica but has a base deactivation.
- Silanophilc activity & the polarity of surface are comparable

NeoSphere NeoBond

- Reversed phase, irregular particles silica.
- Having high silanol activity.
- pH range 2 to 8.

NeoSphere Intra ODS

- Higher surface area silica.
- Maximum bonded phase coverage.
- pH range 2 to 8.
- Operating at low pressure.

NeoSphere C8 R

- RP packing with polar embedded groups.
- Very stable over a wide pH range 1-10.
- Higher polar selectivity.
- A Silanophilic activity of support is very low.
- Strong basic compounds with pka values higher than 9.0 can be eluted.
- Neutral pH condition with excellent symmetrical peak shape.
- Applicable for the analysis often gave acidic or basic groups.

NeoSphere C8 Excel

- Classical C8 type stationary phase.
- Excellent peak shape due to bonding technology
- Stability at pH 1.
- Excellent properties for the separation of large
- Bimolecules like proteins & peptidies.

NeoSphere C8 KromNeo

- High reproducibility & chemical stability.
- Stable between pH 1.5 to 12

NeoSphere Phenyl

- Used in RP & NP phase.
- NP mode it offers complementary selective.
- Stability at pH 7.
- Hydrophobicity is comparable to standard C8 packings.

NeoSphere Cyno

- Used in RP & NP phases.
- CN offers separation of string basic solutes.
- Quick equilibration best.
- Choice of gradient elution in NP mode.

NeoSphere Amino

- Amino propyl based bonded phase
- Used in three modes NP, RP, IC Modes.