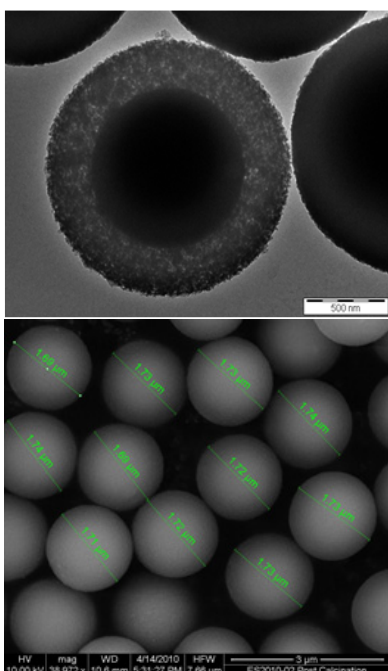
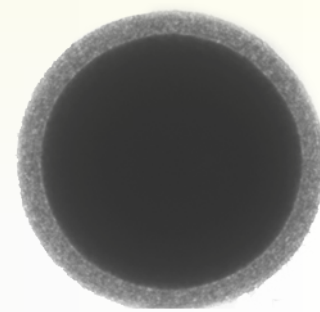




EIROSELL™ SUPERFICIALLY POROUS SILICA



EIROSELL™ is a patent protected product range of highly monodispersed, durable and reproducible porous core/shell silica particles manufactured by Glantreo. The proprietary process is completely tuneable allowing control over physical properties of the particles including the core and shell dimensions. The technology uses a sol gel templating approach to grow a porous silica layer on the solid silica core.

EIROSELL™ allows researchers to improve results and increase productivity without large capital expenditures. By delivering significant improvements in speed and separation efficiency over traditional 3- and 5-micron columns, EIROSELL™ allows scientists to get performance comparable to sub-2-micron columns without investing in UHPLC systems. With EIROSELL™, researchers can achieve UHPLC results on any LC instrument.

Typical Properties of Currently Available EIROSELL™ Products

Product Ref.	ES1.7-100	ES2.6-100
Silica	High Purity Type B	High Purity Type B
Particle Size	1.7 µm	2.6 µm
Shell Thickness	150 nm	400 nm
Pore Diameter	100 Å	100 Å
Surface Area	100 m ² g ⁻¹	130 m ² g ⁻¹
Pore Volume	0.25 cm ³ g ⁻¹	0.36 cm ³ g ⁻¹
Monodispersivity (d90/d10)	1.20	1.20
Metal Content	<5 ppm	<5 ppm
Average water content	<1%	<1%
Derivatised	Available upon request	Available upon request

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Produced by



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