ZEOCHEM®



CHROMATOGRAPHY SILICA GELS

High Performance Chromatography Gels

Manufactured with Swiss Accuracy and Consistency

R&D to Pilot to Process Scale

Chemistry. Pure. Efficient.

ZEOCHEM

ZEOCHEM is a premier global manufacturer of Chromatographic Silica. With roots in Switzerland, we have a rich culture of environmental sustainability, customer service and quality products. For over 50 years, ZEOCHEM has been a trusted supplier and our customers can rely on us to provide the technical and service solutions they need.



Excellent Performance

Due to our consistently high-quality products and excellent batch to batch reproducibility, ZEOCHEM chromatography silica gel has been used for decades in a wide variety of industries, including pharmaceuticals, nutraceuticals, natural products, biopharmaceuticals, cosmetics, fine chemicals, food and beverages.

ZEOCHEM silica gels can be relied on to ensure your purification processes deliver high yields and purity each time, every time.

Consistent. Reproducible. Effective. When it comes to meeting the best productivity and performance requirements, you can depend on our consistent, high quality silica gel products and personalized service.

Check out our new website www.purifications.com

Why ZEOCHEM – Our Commitment



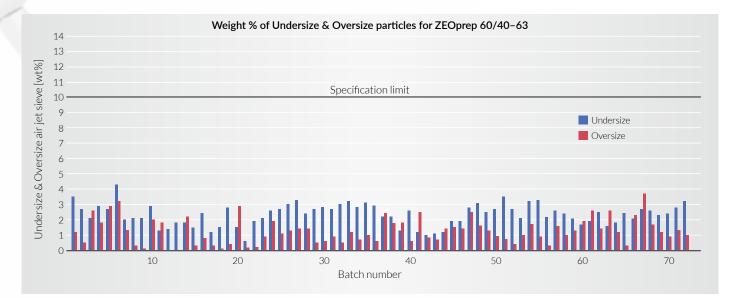
Our new state of the art production facility has hundreds of tons of capacity and further expansion possibilities, which means our customers can be secure in the knowledge of our long term supply capabilities.

- Opened in 2018
- Swiss production knowhow
- Multiple production lines
- Reliable Europeean supply chain



A highly qualified R&D team based in our Swiss Centre of Excellence is on hand to support technical needs, including customer solutions for difficult separations or purifications, and process optimisations.

- State of the art R&D facility
- Material development
- Application development support
- R&D silica and derivatization chemistry capabilities



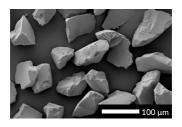
All our plants are ISO certified and due to our continuous improvement programs, we ensure our production processes conform to best practices and our products meet the newest regulatory requirements.

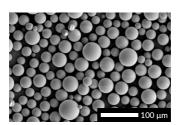
- Quality Assurance ISO 9001:2015 and ISO 14001
- Fully equipped QC laboratory
- Focus on batch to batch reproducibility

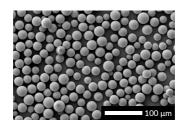
ZEOCHEM Chromatography Silica Gels

ZEOCHEM silica is produced by a large batch scale polycondensation process under very tight controls. The resulting high purity silica gels have narrow particle size distribution profiles, high mechanical stability and surface area which ensures consistently high quality chromatographic purifications and separations.

All ZEOCHEM silica gels come in a wide variety of morphologies and with many surface modification options. ZEOCHEM also offers the possibility to customize material on request.







ZEOprep™

Granular silica for prep, flash and process separations. ZEOprep silica is available with a wide variety of pore and particle sizes, plus the option of four different moisture contents to fit any process requirements.

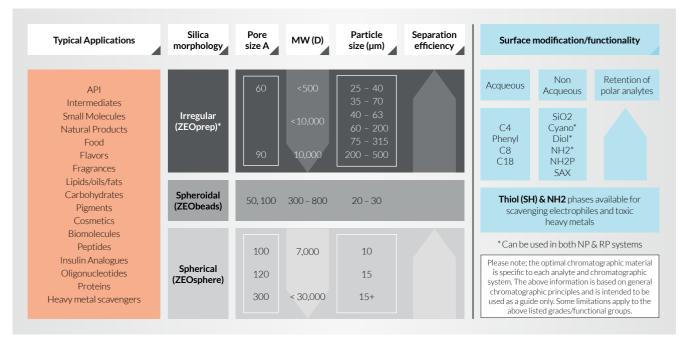
ZEObeadsTM

ZEObeads spheroidal silica for superior separation performance generally used in medium to high chromatographic pressure systems.

ZEOsphere[™]

ZEOsphere functionalised spherical silica for high pressure, high resolution preparative to process scale purifications.

Chromatographic Silica Selection Guide



Chromatography Gels – Application Areas

Excellent reproducibility makes ZEOCHEM silica gels one of the most reliable Chromatographic material for R&D, Pilot and Process Scale purifications for a variety of application areas.

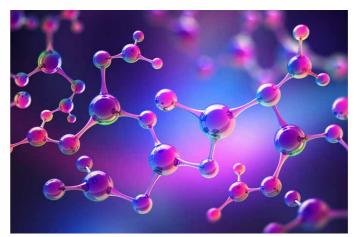
For example, for decades, ZEOprep silica gels have been used at Industrial Scale in various industries, such as the purification of polyunsaturated fatty acids, which are widely used throughout the Nutraceutical and Pharmaceutical Industries. ZEOCHEM silica gels also exhibit extraordinary performance in purification of naturally occurring APIs such as Paxlitaxel & Docetaxel and many more.

Our R&D team is always happy to work with customers on custom materials for specific applications.



- API Purification
- Biopharmaceutical
- Cosmetics
- Health Science Diagnostics
- Analytical Laboratories
- Natural Products
- Environmental
- Food & Beverage
- Fine Chemicals
- Diagnostic Kits



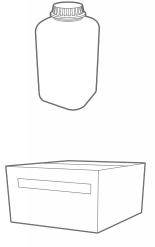




Check out our new website www.purifications.com

ZEOCHEM Chromatography Gels – Analytical to Process Scale

Strict quality controls from raw material to finished product ensure highest quality silica gel that results in very consistent and reliable chromatographic separations.



At a glance – Your advantages

- Batch to Batch Reproducibility
- Wide Range of Selectivity Options
- Range of Moisture Contents
- Chemical and Mechanical Stability
- Loading Capacity
- Large Scale Batches (kg to multi-ton)
- Narrow Particle Size Distribution
- Unsurpassed Service & Support
- Swiss Dependability
- Innovation through R&D



All our ZEOCHEM silica gels are available globally. Please contact us for your closest point of supply. We are happy to meet your project requirements and to outline your needs.

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