

Kinetex Columns Win Gold for Quality from Leading Industry Publication



Torrance, Calif. (July, 2017) – Phenomenex Inc, global leader in the research, design, and manufacture of advanced technologies for the separation sciences, announced today that its Kinetex[®] Core-Shell HPLC/UHPLC columns have won the Gold Seal of Quality by SelectScience, an industry leading online publication. The SelectScience[®] Gold Seal of Quality is awarded to products that receive a rating of >4.5 out of 5 with a minimum of 100 reviews. This puts Phenomenex in the top 0.1% of products on the SelectScience website. Kinetex has been presented this prestigious award and is the only LC column on the list.

The University of Texas MD Anderson Cancer Center reviewed, “We have drastically improved sensitivity, reproducibility, and lifetime on our columns after switching to Kinetex technology.”

Glycos Biotechnologies also had a similar experience, commenting on the SelectScience website, “I really love the Kinetex columns. I now have shorter HPLC method runs and nice peak resolution. Methods that used to take 30 to 40 minutes on other columns now take 15–20 minutes. I’m enjoying the fact that my samples are analyzed more quickly without

compromising the quality of the peaks in the chromatograms.”



Kinetex Core-shell Technology delivers dramatic improvements in efficiency over fully porous media which can be leveraged to increase resolution, improve productivity, reduce solvent consumption, and decrease costs. Whether you are running HPLC or UHPLC methods, the Kinetex Core-shell family can deliver shockingly improved performance over the current column being used in many labs.

President of Phenomenex, Shane Lyons, commented “This Gold Seal of Quality reflects our focus on customer satisfaction and the fast pace at which we are able to bring innovative technologies to market.”

Kinetex core-shell technology uses sol-gel processing techniques that incorporate nano-structuring technology, a durable, homogeneous porous shell that is grown on a solid silica core to create a core-shell particle. This particle morphology results in less band broadening compared to fully porous particles and thus delivers extremely high efficiencies. To maximize efficiency, sources of band broadening need to be minimized. With core-shell particles, all three sources: Eddy diffusion, longitudinal diffusion, and mass transfer, are

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reduced compared to fully porous particles. This reduction in band broadening results in chromatographic separations with better resolution, higher sensitivity, and improved peak capacities.

SelectScience Seals of Quality were announced on Wednesday, June 28th. The new Seals are assigned to products that are allocated in line with strict criteria based on the quantity of reviews a product has received and the average rating of those reviews. There are four levels of Seals: Platinum, Gold, Silver, and Bronze. A list of award winners can be found here: SelectScience.net.

To learn more about golden Kinetex, visit our page here: www.phenomenex.com/gold

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