

Products

"DualPore" is a SnG's original high-purity silica porous material. It boasts an extremely high level of porosity and specific surface area and is also equipped with the monolith specific high-speed performance.

■ DualPore Metal Scavenger Silica Gel

This metal scavenger silica gel was developed for the quick and simple adsorption & removal of metal ions in a solution. Compared to conventional particles, it has significantly higher adsorption ability, can demonstrate high scavenging ability even at the lowest concentration.

■ DualPoreODS Flash

A column pre-filled with silica gel for reverse-phase liquid chromatography, "DualPoreODS Flash" can achieve high-speed processing even at medium and low pressure. It works effectively in the purification of both small and very large molecules, such as peptides or proteins, due to perfusion effects of DualPore, It demonstrates high-performance isolation and purification even at extremely low pressure.

Message

Depending on the size control of the through-holes and pores, development of products for a specific use is also possible. Furthermore, Metal Scavenger Silica Gel can also be used for analysis compatible with ICH-Q3D, as it has high adsorption ability compared to conventional particles. Samples are available upon request. Please do not hesitate to contact us.

Reference information

- Japanese Patent Application No. 2015-190878
- PCT/JP2016/055408
- PCT/JP2016/069309 and others
- Peptide Science 2014: Miyamoto R et al. 89 - 92
- Peptide Science 2015: Miyamoto R et al. 103-106