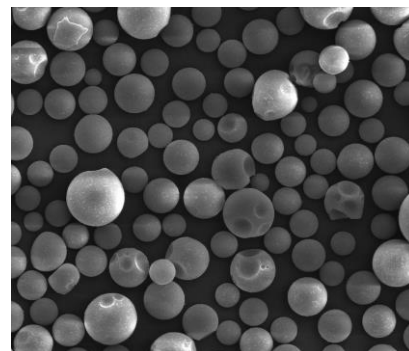


## ZEObeads® 50 C8 / 20-30 µm Technical Data Sheet

ZEObeads® are amorphous porous Silica Gel as micro beads. Used as industrial column packing material for general purification of natural products, food, cosmetics as well as in pre-purification of pharmaceutical and nutraceutical ingredients. ZEObeads® are preferable used in liquid chromatography, flash chromatography and solid phase extraction.

Bonded ZEObeads® Silica is produced under a strict QC controls from raw material to finished product ensure high lot-to-lot reproducibility and tightly controlled specifications.

ZEObeads® Silica's are available in different quantities with a wide variety of packing sizes to meet individual applications and economic requirements.



### Typical Properties

Pos.	Method	Parameter/con. of meas.	Unit	Specification
010.01	SPZ-403	d(50) laser diffraction Malvern	µm	25.0 ± 2.0
020.01	SPZ-501	w(C), carbon content	% w/w	≥ 16.0
030.01	SPZ-012	Pore volume, N <sub>2</sub> isotherm	ml/g	0.85 ± 0.15
030.02	SPZ-012	Surface specific, N <sub>2</sub> isotherm, S <sub>BET</sub>	m <sup>2</sup> /g	700 ± 100
030.03	SPZ-012	Pore size calculated, N <sub>2</sub> isotherm	nm	5.0 ± 2.0

### Additional Information

Storage	Bonded ZEObeads® Silica's can be stored in original, sealed packaging for at least 5 years after date of release. Seal tightly after each use.
Packaging Size	1kg PE bottle 25 kg Plastic drum
Safety	In accordance with Regulation (EC) No. 1272/2008 (GHS/CLP) and Directive 1999/45/EC, the product does not need to be classified nor labelled.
CAS-Nr.	7631-86-9
EINECS-Nr.	231-545-4
REACH-Nr.	01-2119379499-16-0036
Customs Tariff	2811.22