

NILAB SAGA™

SWEDISH EXCELLENCE IN NANOPOROUS SILICA

Nanologica's NILAB SAGA™ is the product of arduous research and development put into bringing forth a product that surpasses industrial expectations.

NILAB SAGA™ is manufactured using a specially developed true sol-gel process to produce spherical porous silica particles from very high purity raw materials.

The emulsion based synthesis yields uniformly spherical particles with tightly controlled, highly reproducible pore sizes. Key parameters such as particle size distribution* are also tightly controlled resulting in exceptional performance and quality.

Proprietary processes developed by Nanologica ensure that the native silica is functionalised optimally to yield high density ligand distribution and end-capping with extremely low residual silanol activity.

NILAB SAGA™ has been tested and used by pharmaceutical companies worldwide manufacturing API's at industrial scale where quality, reliability and performance are uncompromisable.

NILAB SAGA™ delivers high capacity, high resolution and long life-cycles at small and large scale volumes.



- ***Extreme chemical stability (1-10) *****
- ***High mechanical strength***
- ***High Resolution[#] & High Carbon[§]***
- ***Low tailing with excellent peak symmetry***
- ***Low Metal Content***
- ***Low Back Pressure***

*D90/D10 <1.2
**Up to 9.6
#Up to 150,000 plates/m
§ Up to 20%



NANOLOGICA