

Certificate of Analysis

Product Name: Nano fumed silica
Cat. No.: GD20849
Batch No.: 1
Chemical Name:

PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 112945-52-5
Molecular Formula: SiO_2
Molecular Weight: 60.0843
Storage: Sealed in dry, room temperature

Chemical Structure:



ANALYTICAL DATA

Appearance: A solid
loss on drying(105°C,2 h): 0-1 (%)
Specific surface area (BET): 80-140 m²/g
Particle diameter: 7-40 nm
Loss on ignition (1000°C,2h,after
105 °C drying 2h): 0-10 (wt%)
Silica content(Based on the
product after ignition): >99.50 %
PH: 4-6.5
Carbon content(2h based on the
product after drying 105 °C): 4.5-6.5 (wt%)
Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com
Address: 10292 Central Ave. #205, Montclair, CA, USA