

DiagNano™ Green Fluorescent, Amine Silica Particles, 10 µm

Cat.No: DNG-L072

DESCRIPTION

Description	10 µm fluorescent silica particles with amino groups (NH ₂) on the surface. Fluorescence dyes are covalently bound in the silica matrix and available with green fluorescence (excitation: 485 nm, emission: 510 nm).
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APPLICATION

Application Notes	Fluorescent silica particles with amino groups (NH ₂) on the surface are suitable for the covalent binding of proteins, antibodies, oligonucleotides, enzymes or other molecules.
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PRODUCT INFORMATION

Diameter	10 µm
Functional Group	Amine
Concentration	50 mg/mL
Number of Particles	5.3E+7 particles/mL
Absorption Max	485 nm
Emission Max	510 nm
Surface Group Density	4 µmol/g
Density	1.8 g/ccm

STORAGE AND SHIPPING

Storage Buffer	Suspension in water
Stability	Stable in aqueous buffers, organic solvents. Not stable in hydrofluoric acid, strong basic media, e.g. 6 M NaOH.
Storage	Storage at room temperature. Do not freeze!