
Product Information – SiCORE-Amine

Product:	SiCORE-Amine
Article Number:	6401-1 (1 ml); 6401-5 (5 ml)
Description:	Aqueous dispersion of silica particles
Application:	-
Lot Number:	-
Production Date:	-
Weight of Volume:	50 mg/ml
Matrix:	Silica, high-porous
Size (hydrodynamic diameter):	1.0 μm
Number of Particles:	$\sim 1.8 \times 10^{12}/\text{g}$
Surface Area:	$\sim 100 \text{ m}^2/\text{g}$
Density:	$\sim 2.25 \text{ g}/\text{cm}^3$
Functional Group:	Amine, $-\text{NH}_2$
Amination Degree:	$\sim 350 \mu\text{mol NH}_2/\text{g}$
Autoclaved:	Yes
Storage Buffer / Solution:	ddH ₂ O
Storage:	At 4 – 8 °C. Do not freeze!
Expiry Date:	Two years after production date.
Note:	For complete resuspension vortex thoroughly!

