

Certificate of Analysis

Date of Testing: 2024-08-13 15:14:42
Date of Next Testing: 2027-08-13 15:14:42
Product Name: **Silica, nanoparticle dispersion in water**
CAS Number: S462997
Specifications & Purity: <50nm (DLS), triethoxylpropylaminosilane functionalized
Lot #: H2413013
SKU #: **S462997**
Version: **1**
Analysis #: **394555**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Size(primary particle diameter)	0-20 (nm)	20.00000 nm
PH	1-3	2.00
Solid Content	24-30 (%)	30.00 %
Size(D90(DLS))	0-50 (nm)	50.00000 nm
Appearance(S462997)	Colorless or White Liquid	Colorless or White Liquid
ICP: Confirms Silicon Component	Confirmed	Confirmed



John Su
QA & QC Manager