



Certificate of Analysis

Product Name	Column chromatography silica gel		
Price	\$300/25Kg		
Structure	$O=Si=O$	Catalog Number	TygerGel1
		CAS Number	[112926-00-8]
		Molecular Formula	SiO ₂
		Molecular Weight	60.08

Items	Specification	Analysis Results
Physical Appearance	White powder or granules	White powder
Assay	99%	>99%
Particle size (mesh)	300-400	300-400
Pore size (Å)	70-90	83
Surface area (m²/g)	380-500	418
pH (10% in slurry)	6-7	6.91
Loss at heating	≤ 5%	3.31%
Cl⁻	≤ 0.02%	0.017%
Fe³⁺	≤ 0.02%	0.005%

References: Fieser 6, 510; Fieser 9, 910; Fieser 10, 346-347; Fieser 11, 466; Fieser 12, 431;
Fieser 15, 282; Fieser 18, 319; Fieser 19, 303-304; Fieser 20, 338-339; Fieser 21,
390-391; Organic Syn. Coll., Vol VI, 43, 1988.