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Custom Chemical Manufacturing

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## Certificate of Analysis

Item	Chromatography Silica		
Catalog Number	TYGERGEL 1	CAS Number	112926-00-8
Type	Silica C	Formula	SiO <sub>2</sub>
Grade	Reagent	Molecular Weight	60.08
Particle Size	300~400 mesh	Lot Number	GMQD29057147

Test	Specification	Result
Pore Diameter (Å)	80~100	87
Pore Volume (ml/g)	0.75~0.95	0.87
Surface Area (m <sup>2</sup> /g)	350~500	356
Weight Loss at 150 °C (%)	≤ 5	3.66
Cl (%)	≤ 0.02	0.018
Fe (%)	≤ 0.02	0.004
pH Value (10% in Slurry)	6~7	6.68
Particle Size in between 300~400 mesh (%)	≥ 60	63
Particle Size over 300 mesh (%)	--	25
Particle Size below 400 mesh (%)	--	12