



SPECIFICATION SHEET

Product Name	:	Silica Gel 60, for column chromatography, 70-230 mesh
Product Number	:	968.019
Brand	:	ISOLAB
CAS Number	:	112926-00-8
Formula	:	SiO ₂
Formula Weight	:	60.08 g/mol

TEST NAME	SPECIFICATION	UNIT
Particle size distribution	70-230 mesh	
Appearance	White powder	
pH-Value (10% suspension)	6.5-7.5	
Average pore diameter	60 Å	Å
Specific surface area	480-540 m ² /g	m ² /g
Pore Volume (N ₂ -isotherm)	0.74 - 0.84 ml/g	ml/g
Loss on Drying (at 105°C for 2h)	≤ 3.0 %	%
SiO ₂ (On anhydrous base)	≥ 97 %	%
Fe (Iron)	≤ 0.02%	%
Chloride (Cl)	≤ 0.01%	%
Adsorption Capacity	75 (±2) %	%

Quality Management
Isolab Laborgerate GmbH

