

## Product Datasheet

### GE5162 - Silica Gel, self-indicating, blue to pink, 2 - 5 mm beads

#### Product Details

Product Name	Silica Gel, self-indicating, blue to pink, 2 - 5 mm beads
Glentham Code	GE5162
CAS Number	112926-00-8
EINECS	231-545-4
Related Categories	Biochemicals

Sodium oxide (Na <sub>2</sub> O)	: ≤ 0.3%
Sulphate (SO <sub>4</sub> )	: ≤ 0.5%
Particle Size	: Less than 2mm: ≤ 5%, Greater than 5mm: ≤ 5%
Silicon dioxide (SiO <sub>2</sub> )	: ≥ 98%
Note(s)	: Beads gradually change colour from deep blue to pink when saturated with water. Indicator is CoCl <sub>2</sub> .
Version	: v1.0

#### Structure

Molecular Weight	: 60.08
Molecular Formula	: SiO <sub>2</sub>

### About Silica Gel, self-indicating, blue to pink, 2 - 5 mm beads

No further details on record.

#### Storage

Recommended storage temperature: +20°C.

#### Hazards and Transport

Not classified as hazardous under CLP.  
Not classified as dangerous for transport.

#### Glentham Product Specification

Physical Description	: Blue beads
pH (10% aqueous solution)	: ≥ 3.5
BET Surface Area	: ≥ 600m <sup>2</sup> /g
Pore Volume	: 0.35 - 0.45 ml/g
Average Pore Diameter	: 20 - 30 Å
Water	: ≤ 2% (at 145°C)
Iron(III) oxide (Fe <sub>2</sub> O <sub>3</sub> )	: ≤ 0.5%

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