

Certificate of Analysis

Product Name	Silica Gel, self-indicating, orange to green, 2 - 5 mm beads
Glenthams Code	GE5612
CAS Number	112926-00-8
EINECS	231-545-4
Batch Number	676WSC

Molecular Weight	60.08
Molecular Formula	SiO ₂
Storage Temp.	+20°C

Property	Specification	Batch 676WSC
Physical Description	Orange beads	Conforms
pH (10% in water)	1.8 - 2.2	Conforms
BET Surface Area	≥ 600m ² /g	Conforms
Pore Volume	0.35 - 0.45 ml/g	Conforms
Average Pore Diameter	20 - 30 Å	Conforms
Loss on Drying	≤ 3% (at 145°C)	Conforms
Silicon dioxide (SiO ₂)	≥ 98%	Conforms
Note(s)	Beads change colour from orange to green when saturated with water. Indicator is methyl violet.	Conforms

Specification Version	v1.0
Manufacture Date	2024-10-31
Re-Test Date	2031-10-28