

Product Specification

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|---------------|---|
| 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 |

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

| Property | Specification |
|---|--|
| Physical Description | Blue beads |
| pH (10% aqueous solution) | ≥ 3.5 |
| BET Surface Area | ≥ 600m ² /g |
| Pore Volume | 0.35 - 0.45 ml/g |
| Average Pore Diameter | 20 - 30 Å |
| Water | ≤ 2% (at 145°C) |
| Iron(III) oxide (Fe ₂ O ₃) | ≤ 0.5% |
| Sodium oxide (Na ₂ O) | ≤ 0.3% |
| Sulphate (SO ₄) | ≤ 0.5% |
| Particle Size | Less than 2mm: ≤ 5%, Greater than 5mm: ≤ 5% |
| Silicon dioxide (SiO ₂) | ≥ 98% |
| Note(s) | Beads gradually change colour from deep blue to pink when saturated with water. Indicator is CoCl ₂ . |

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| Specification Version | - | v1.0 |
| Date Created | - | 2018-06-04 |

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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