

Specification

Technical Data Sheet

CAS 112926-00-8	STORAGE Ambient	MOLECULAR WEIGHT 60.08
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PRODUCT**Silica gel Orange**

Product number	42989879
CAS number	112926-00-8
Molecular formula	SiO ₂
Molecular weight	60.08 g/mol

PARAMETER	SPECIFICATION
Appearance	White to orange powder or granules
Adsorption Capacity	H ₂ O: 33% min. w/w (50% RH)
Colour Change	Orange: 10% w/w adsorption, Pale-Orange: 15% w/w adsorption, Pale-Yellow: 20% w/w adsorption
Humidity Indicator	Approx. 0.4% w/w
Iron (Fe)	<0.5% w/w
Moisture	3% max. at 145°C
Particle Size	Medium 1.0-3.0mm, Coarse 3.0-6.0mm
Silicon Dioxide (SiO₂)	Approx. 98% w/w
BET surface area	600-800 m ² /g
pH (10% aq. sol.)	1.8-2.2
Pore Volume	0.35-0.45ml/g

SPECIFICATION STATEMENT	The values stated above represent the standard specification for this product, issued under Molekula Ltd 's quality management system. Batch-specific results are provided on the Certificate of Analysis.
STORAGE	Store as indicated on the product label, away from light, moisture and incompatible materials.

Molekula Ltd would like to thank you for your support of our products and service.

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