

**BDH Prolabo – The chemical brand from VWR International**

# Silica gel **SORBSIL<sup>®</sup> CHAMELEON<sup>®</sup>** granules with moisture indicator

**Keep your products dry in an environmentally friendly way!**

Moisture damage is a widespread and costly problem in many industries, for example in the production and storage of manufactured goods ranging from delicate electronic products through to heavy engineering components.



## How does it work?

Silica gel adsorbs water vapour maintaining a dry environment for your products. When the adsorption capacity for water vapour is exhausted (50% relative humidity, 23 °C) the gel changes from orange to nearly colourless and the gel should be replaced or regenerated.



## Why to choose silica gel SORBSIL® CHAMELEON®?

- **I system:** uses an inorganic compound that is not classified as dangerous under EC legislation, and so can be used safely in a wide range of applications.
- **Cost reduction:** the indicating properties, in combination with its high adsorption capacity, removes the risk of contamination or mould growth thus considerably reducing costs due to product damage or loss.
- **Trouble free:** this desiccant retains its dry granular form, even when fully saturated, while the high strength and abrasion resistance ensures that there is minimal dust creation during use.

**SORBSIL® CHAMELEON® can be used in all types of analysis where humidity is to be avoided.**

Silica gel SORBSIL® CHAMELEON® is available in 2 different particle sizes, in 1 kg and 5 kg pack sizes.

Sorbsil® CHAMELEON® silica gel granule size		Colour change	pH (20°C; 5 %)	Loss on drying (140°C)	Water adsorption capacity (23°C; 50 % RH)	Pack size (kg)	Standard box quantity	Cat. No.
Particle size (mm)	Tyler mesh							
2-6	9-3	Passes test	2.0 --> 5.0	Max. 2.0 %	Min. 23.0 %	1	6	83000.290
						5	4	83000.360
1-3	16-6					1	6	83001.290
						5	4	83001.360

Water adsorption isotherms for SORBSIL® CHAMELEON® silica gel and clay at 23°C

