

	Technical Information	730-035-EN		V04
	Differences in the colour change of chemical indicators	Created	21.02.2003	UK
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Chemical indicators from GKE used in process challenge devices (PCD) for Bowie-Dick Simulation Test and batch monitoring are complex chemical systems influenced by many chemical and physical parameters, like chemical additives, pH-variations in the condensate or substances coming out of the package or documentation material.

As a consequence slight differences in the shade of the black colour may occur. Slight shade differences happen to all chemical indicators and lead to different intensities of the black colour.

These differences are not critical to check adequate air removal and steam penetration in the sterilization process. The interpretation should be made using the GKE colour chart.

All black indicators without any shade of brown have to be interpreted as a successful sterilization process.