

# SIMAX

## Reagent Bottles



Simax Reagent Bottles are a versatile and essential tool for a variety of laboratory applications. Their wide neck and sloped shoulders make them easy to pour from, while the pouring ring helps to prevent spills and drips. The bottles are made of high-quality Borosilicate 3.3 glass, which is resistant to heat, chemicals, and breakage. They are also autoclavable, making them ideal for use in sterile environments.



These versatile bottles are ideal for storing and transferring a variety of reagents.

- Made from Borosilicate 3.3 glass to ISO 3585
- Autoclavable up to 140°C
- Easy to read graduations
- Compliant with ISO 4796-1
- Available in a range of sizes, from 50ml to 20 Litres
- Fitted with a PP pouring ring and GL45 cap (except the 50ml bottles, which have GL32 caps)

The caps on Simax Reagent Bottles are specially designed with a claw seal to give superior leak protection. The red caps are made from PBT with a PTFE liner, making them suitable for storing concentrated Nitric Acid as per CLEAPSS guidance.

- Compliant to ISO 4796-1
- Red caps can be autoclaved up to 200°C
- The bright colour enables you to easily identify samples in a busy laboratory setting
- Sizes 100ml to 20 Litres are available with red caps

If storing concentrated acid the pouring ring needs to be removed and the bottle needs to be kept in a suitable dark chemical store.

Red lids also available separately to enable Nitric Acid storage in all SIMAX clear reagent bottles.



Simax Reagent Bottles are also available in amber glass, which offers excellent protection against harmful UV rays. This makes them ideal for storing light-sensitive samples, such as DNA, RNA, and proteins.

In addition to the standard blue cap, a variety of other color options are available, including green, yellow, and orange. These color options can be used to code the bottles for different purposes, such as hazardous chemicals or different types of samples.



### How to care for Simax Reagent Bottles

To preserve the quality of the bottle, wash and inspect it before first use.

It is recommended to heat the glass slowly and gradually to avoid thermal shock, which can cause the glass to break. These bottles can be autoclaved, but the cap must be loose to prevent pressure buildup and shattering of the glass.

### What is Simax glass?

Simax is a highly respected brand of Borosilicate glassware produced by Kavalier Glass, the oldest technical glass factory in Europe. Founded in 1837, Simax glass is made exclusively at Kavalier's premises and can be easily identified by its distinctive blue tint.