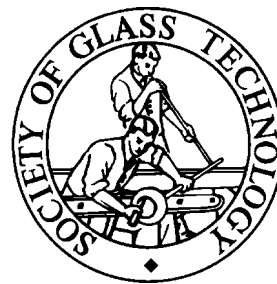


# SOCIETY OF GLASS TECHNOLOGY

## CERTIFICATE OF ANALYSIS

STANDARD GLASS No. 8

LEAD OXIDE-POTASSIUM OXIDE-SILICA GLASS



(Supplied as broken colourless pieces in 25g packs at £65.00 plus postage).

| Constituent                                     | Content<br>(wt %) | SD     |
|---|-------------------|--------|
| Silica, SiO <sub>2</sub>                        | 56.34             | 0.054  |
| Lead oxide, PbO                                 | 30.59             | 0.101  |
| Potassium oxide, K <sub>2</sub> O               | 11.85             | 0.13   |
| Titania, TiO <sub>2</sub>                       | 0.02              |        |
| Alumina, Al <sub>2</sub> O <sub>3</sub>         | 0.05              | 0.008  |
| Total iron as Fe <sub>2</sub> O <sub>3</sub>    | 0.010             | 0.0004 |
| Total arsenic as As <sub>2</sub> O <sub>3</sub> | 0.32              | 0.026  |
| Boric oxide, B <sub>2</sub> O <sub>3</sub>      | 0.36              | 0.03   |
| Calcium oxide, CaO                              | <0.02             |        |
| Magnesium oxide, MgO                            | <0.02             |        |
| Sodium oxide, Na <sub>2</sub> O                 | 0.23              | 0.012  |
| Loss at 550°C                                   | 0.21              |        |

Reference. To be published in Glass Technol.

Country of origin - UK