

# 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).



Constituent	Content	
	(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