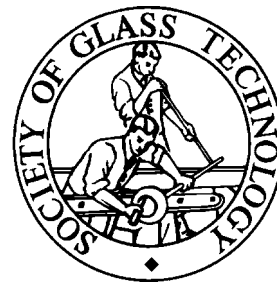


# SOCIETY OF GLASS TECHNOLOGY

## CERTIFICATE OF ANALYSIS

### STANDARD GLASS No. 4

### FLUORIDE OPAL GLASS



(Supplied as white pieces in 25g packs at £65.00 plus postage or as 6mm thick sheets to special order).

Constituent	Content (wt %)	SD
Silica, SiO <sub>2</sub>	69.49	0.11
Titania, TiO <sub>2</sub>	0.041	0.002
Alumina, Al <sub>2</sub> O <sub>3</sub>	3.02	0.12
Total iron as Fe <sub>2</sub> O <sub>3</sub>	0.099	0.003
Boric oxide, B <sub>2</sub> O <sub>3</sub>	0.19	0.02
Calcium oxide, CaO	4.24	0.05
Magnesium oxide, MgO	<0.05	
Zinc oxide, ZnO	3.28	0.06
Sodium oxide, Na <sub>2</sub> O	15.45	0.10
Potassium oxide, K <sub>2</sub> O	0.57	0.04
Fluorine, F <sup>1</sup>	4.96	0.10
Total sulphur as SO <sub>3</sub>	<0.05	
Loss at 550°C	0.22	0.09

**Reference. *Glass Technol.*, 1962, 3 (1), 9-16:**

**‘The chemical analysis of a fluoride opal glass described as Standard Glass No. 4.’**

Country of origin - UK