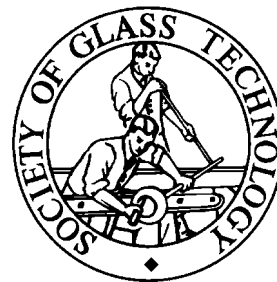


SOCIETY OF GLASS TECHNOLOGY

CERTIFICATE OF ANALYSIS

STANDARD GLASS No. 4

FLUORIDE OPAL GLASS



(Supplied as white pieces in 25g packs as 6mm thick sheets to special order).

Constituent	Content (wt %)	SD
Silica, SiO ₂	69.49	0.11
Titania, TiO ₂	0.041	0.002
Alumina, Al ₂ O ₃	3.02	0.12
Total iron as Fe ₂ O ₃	0.099	0.003
Boric oxide, B ₂ O ₃	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 ₂ O	15.45	0.10
Potassium oxide, K ₂ O	0.57	0.04
Fluorine, F ¹	4.96	0.10
Total sulphur as SO ₃	<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