

SOCIETY OF GLASS TECHNOLOGY

CERTIFICATE OF ANALYSIS

STANDARD GLASS No. 7

SODA-LIME-SILICA GLASS



(Supplied as 25 g packs of broken glass at £65.00 plus postage or as 4mm thick pieces cut from flat sided colourless containers and suitable for X-ray analysis to special order).

Constituent	Content (wt %)	SD
Silica, SiO ₂	72.64	0.15
Titania, TiO ₂	0.042	0.002
Alumina, Al ₂ O ₃	1.50	0.07
Total iron as Fe ₂ O ₃	0.044	0.002
Calcium oxide, CaO	11.03	0.07
Magnesium oxide, MgO	0.14	0.08
Sodium oxide, Na ₂ O	13.90	0.12
Potassium oxide, K ₂ O	0.43	0.02
Total sulphur as SO ₃	0.19	0.02
Loss at 550°C	0.07	0.03

Reference. To be published in Glass Technol.

Country of origin - UK