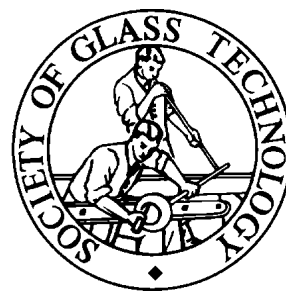


# SOCIETY OF GLASS TECHNOLOGY

## CERTIFICATE OF ANALYSIS

### STANDARD SAND No. 1



Constituent	Content (wt %)	SD
Silica, SiO <sub>2</sub>	99.74	0.04
Alumina, Al <sub>2</sub> O <sub>3</sub>	0.061	0.004
Total iron as ferric oxide, Fe <sub>2</sub> O <sub>3</sub>	0.014	0.002
Titania, TiO <sub>2</sub>	0.026	0.001
Calcium oxide, CaO	Less than 0.02	
Magnesium oxide, MgO	Less than 0.02	
Sodium oxide, Na <sub>2</sub> O	Less than 0.02	
Potassium oxide, K <sub>2</sub> O	Less than 0.02	
Total chromium as chromic oxide, Cr <sub>2</sub> O <sub>3</sub>	0.0003	
Loss on ignition	0.12	0.019

Reference: Glass Technol., 1978, 19 (5) 93-101:

‘Specifications for and recommended procedures for the testing and analysis of glass making sands 1978.’

BRITISH STANDARDS INSTITUTION Ref: 2975 : 1988  
‘Sampling an analysis of glass making sands’

£20 per 200 grammes

Country of origin - Belgium