

U. S. DEPARTMENT OF COMMERCE
NATIONAL BUREAU OF STANDARDS
WASHINGTON

PROVISIONAL CERTIFICATE OF ANALYSIS OF
STANDARD SAMPLE NO. 128
SODA-LIME GLASS

results are based on a sample dried for one hour at
105 - 110° C)

| | <u>Percent</u> ¹ |
|--|-----------------------------|
| SiO ₂ | 69.51 |
| Al ₂ O ₃ | 1.89 |
| Fe ₂ O ₃ | .039 |
| TiO ₂ | .017 |
| CaO | 4.76 |
| MgO | 3.33 |
| BaO | .49 |
| Na ₂ O | 16.83 |
| K ₂ O | .99 |
| B ₂ O ₃ | 1.52 |
| SO ₃ | .35 |
| Cl | .04 |
| P ₂ O ₅ | .01 |
| Loss on ignition at 1000° C | .18 |

(Signed) LYMAN J. BRIGGS, Director.

April 27, 1939

¹This sample is slowly absorbing carbon dioxide and water.
The analyst must determine the loss on ignition at 1000° C
and correct all determinations for the difference between
the value found and the original value of 0.18 percent.