

U. S. DEPARTMENT OF COMMERCE
NATIONAL BUREAU OF STANDARDS
WASHINGTON, D. C. 20234

PROVISIONAL CERTIFICATE OF ANALYSIS
STANDARD SAMPLE 1011
PORTLAND CEMENT

	<u>Percent</u>
SiO ₂ -----	21.0 ₃
Al ₂ O ₃ -----	5.38
Fe ₂ O ₃ -----	2.07
TiO ₂ -----	0.25
P ₂ O ₅ -----	.33
CaO (+SrO) -----	66.6 ₀
SrO -----	0.11
MgO -----	1.12
SO ₃ -----	1.75
Mn ₂ O ₃ -----	0.03
Na ₂ O -----	.08
K ₂ O -----	.26
Li ₂ O -----	(.002)
Rb ₂ O -----	(.001)
Loss on Ignition -----	1.13

Values in parentheses are not certified but are given as added information.

A. A. Bates, Chief
Building Research Division

Washington, D. C.
Revised Certificate, April 24, 1964
Original Certificate January 17, 1962

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