

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

PROVISIONAL CERTIFICATE OF ANALYSIS
 STANDARD SAMPLE 1015
 PORTLAND CEMENT

	<u>Percent</u>
SiO ₂ -----	20.6 ₅
Al ₂ O ₃ -----	5.04
Fe ₂ O ₃ -----	3.27
TiO ₂ -----	0.26
P ₂ O ₅ -----	.05
CaO (+ SrO) -----	61.4 ₈
SrO -----	0.11
MgO -----	4.25
SO ₃ -----	2.28
Mn ₂ O ₃ -----	0.06
Na ₂ O -----	.16
K ₂ O -----	.87
Li ₂ O -----	(.004)
Rb ₂ O -----	(.005)
Loss on Ignition -----	1.70

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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