

CHEMICAL ANALYSIS		EN 197-I:2000 CEM I, 42.5N	TEST RESULTS
Insoluble Residue	%	<i>Max.</i> 5.0	0.26
MgO	%	NR	1.45
SO ₃	%	<i>Max.</i> 3.5	1.99
LSF	%	NR	91.40
Iron Oxide(Fe ₂ O ₃)	%	NR	0.22
Loss of Ignition (LOI) %	%	<i>Max.</i> 5.0	2.8
Tricalcium Silicate (C ₃ S)	%	NR	55.00
Tricalcium Aluminate (C ₃ A)	%	NR	9.72
PHYSICAL ANALYSIS			
Fineness, Blaine Test (Air Permeability)	cm ² /g	NR	4491
Soundness	mm	<i>Max.</i> 10	0.75
Setting Time	min		
Initial		<i>Min.</i> 60	155
Final		<i>Max.</i> NR	190
Compressive Strengths	MPa		
2 Days		<i>Min.</i> 10	15.4
28 Days		<i>Min.</i> 42.5	42.6
Color (Whiteness)			
Hunter Lab Scale	%	NR	89.2