

PREPARED FOR TITAN CEMENT Ltd. HULL

REPORT REFERENCE	Titan	92
CLIENT REFERENCE	CHEMISTRY	2021
SHIP REFERENCE	"11-21	
SAMPLE	ORDINARY PORTLAND CEMENT	
DATE OF RECEIPT OF SAMPLE	28-Sep-21	
DATE OF TESTS	28-Sep-21	to 26-Oct-21
DATE OF REPORT	28-Oct-21	

ALL RESULTS RELATE ONLY TO SAMPLE TESTED CHEMICAL COMPOSITION :- by mass, as received

IR	0.45 %	(BSEN 196-6:2010)
SO ³	2.38 %	(BSEN 196-3:2016)
LOI	2.19 %	(BSEN 196-3:2016)
K2O	0.62 %	(BSEN 196-3:2016)
Na2O	0.18 %	(BSEN 196-3:2016)
Na2O (eq)	0.59 %	(BSEN 196-3:2016)
Chloride	0.01 %	(BSEN 196-3:2016)

The following results are not covered by the laboratory's UKAS Schedule and were determined by xrf.

SiO ₂	20.06 MPa	By XRF
Al ₂ O ₃	3.99 MPa	By XRF
Fe ₂ O ₃	4.21 MPa	By XRF
CaO	64.4 MPa	By XRF
MgO	0.83 MPa	By XRF

The following results are not UKAS accredited:-

L.S.F.	0.98 %
C ₃ A	3.46 %
C ₃ S	62.96 %
C ₂ S	10.03 %
C ₄ AF	12.80 %
Free Lime	1.75 %

END OF REPORT

SIGNED:



Certificate signed by:

✓ S. Burton A.M.I.C.T
Technical Manager

J.M. Burton
Quality Manager