

An independent testing laboratory specialising in the testing of cementitious materials

1175

PREPARED FOR TITAN CEMENT Ltd. HULL

REPORT REFERENCE	Titan	102
CLIENT REFERENCE	CHEMISTRY	2022
SHIP REFERENCE	"6-22"	
SAMPLE	ORDINARY PORTLAND CEMENT	
DATE OF RECEIPT OF SAMPLE	17-May-22	
DATE OF TESTS	17-May-22	to 14-Jun-22
DATE OF REPORT	14-Jun-22	

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

IR	0.16 %	(BSEN 196-6:2010)
SO ³	2.68 %	(BSEN 196-3:2016)
LOI	2.33 %	(BSEN 196-3:2016)
K ₂ O	0.56 %	(BSEN 196-3:2016)
Na ₂ O	0.15 %	(BSEN 196-3:2016)
Na ₂ O (eq)	0.52 %	(BSEN 196-3:2016)
Chloride	0.03 %	(BSEN 196-3:2016)

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

SiO ₂	19.06 MPa	By XRF
Al ₂ O ₃	4.17 MPa	By XRF
Fe ₂ O ₃	4.13 MPa	By XRF
CaO	63.5 MPa	By XRF
MgO	0.93 MPa	By XRF

The following results are not UKAS accredited:-

L.S.F.	1.01 %
C ₃ A	4.07 %
C ₃ S	65.35 %
C ₂ S	5.36 %
C ₄ AF	12.56 %
Free Lime	1.60 %

END OF REPORT

SIGNED:



Certificate signed by:

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

J.M. Burton
Quality Manager