

An independent testing laboratory specialising in the testing of cementitious materials

PREPARED FOR TITAN CEMENT Ltd. HULL

REPORT REFERENCE	Titan	146
CLIENT REFERENCE	CHEMISTRY	2025
SHIP REFERENCE	"10-25	
SAMPLE	ORDINARY PORTLAND CEMENT	
DATE OF RECEIPT OF SAMPLE	18-Nov-25	
DATE OF TESTS	18-Nov-25	to 16-Dec-25
DATE OF REPORT	12-Feb-26	

ALL RESULTS ARE BASED ON SAMPLE RECEIVED FROM THE CLIENT: TESTED AS RECEIVED.

CHEMICAL COMPOSITION :- by mass, as received

IR	0.25 %	(BSEN 196-6:2010)
SO ³	3.02 %	(BSEN 196-3:2016)
LOI	2.33 %	(BSEN 196-3:2016)
K ₂ O	0.53 %	(BSEN 196-3:2016)
Na ₂ O	0.29 %	(BSEN 196-3:2016)
Na ₂ O (eq)	0.64 %	(BSEN 196-3:2016)
Chloride	0.05 %	(BSEN 196-3:2016)

The following results are determined by XRF by an outside accredited laboratory.

SiO ₂	19.97	By XRF
Al ₂ O ₃	4.26	By XRF
Fe ₂ O ₃	4.23	By XRF
CaO	63.9	By XRF
MgO	2.74	By XRF

The following results are not UKAS accredited:-

L.S.F.	0.97 %
C ₃ A	4.14 %
C ₃ S	56.88 %
C ₂ S	14.35 %
C ₄ AF	12.86 %
Free Lime	1.97 %

END OF REPORT

SIGNED:



Certificate signed by:

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

J.M. Burton

Quality Manager