

An independent testing laboratory specialising in the testing of cementitious materials

PREPARED FOR TITAN CEMENT Ltd. HULL

REPORT REFERENCE	Titan	129
CLIENT REFERENCE	CHEMISTRY	2024
SHIP REFERENCE	"6-24	
SAMPLE	ORDINARY PORTLAND CEMENT	
DATE OF RECEIPT OF SAMPLE	16-Jul-24	
DATE OF TESTS	16-Jul-24	to 13-Aug-24
DATE OF REPORT	13-Aug-24	

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

CHEMICAL COMPOSITION :- by mass, as received

IR	0.16 %	(BSEN 196-6:2010)
SO ³	2.52 %	(BSEN 196-3:2016)
LOI	3.60 %	(BSEN 196-3:2016)
K ₂ O	0.52 %	(BSEN 196-3:2016)
Na ₂ O	0.28 %	(BSEN 196-3:2016)
Na ₂ O (eq)	0.62 %	(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	20.47	By XRF
Al ₂ O ₃	3.83	By XRF
Fe ₂ O ₃	4.17	By XRF
CaO	65.8	By XRF
MgO	2.57	By XRF

The following results are not UKAS accredited:-

L.S.F.	0.99 %
C ₃ A	3.10 %
C ₃ S	68.23 %
C ₂ S	7.23 %
C ₄ AF	12.68 %
Free Lime	1.25 %

END OF REPORT

SIGNED:



Certificate signed by:

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

J.M. Burton
Quality Manager