

**Cementos Portland Valderrivas, S.A.****PLANT: MONJOS**

ER Certificate: ER-0675/1999

TECHNICAL CHARACTERISTICS CERTIFICATE**Cement****III/A 42,5 N/SRC**
CEM III/A-S 42,5 N**N: 015/002303**
CE: 0099/CPR/A33/1258**Period****June, 2026**

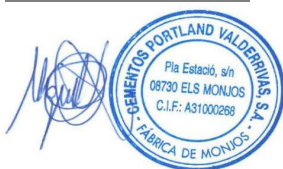
TESTS	Results Average Value	Standard Spec. EN/UNE
Chemical Characteristics		
Loss on Ignition %	2,3	< 5,0
Insoluble Residue %	0,7	< 5,0
Sulphates (SO ₃) %	3,3	< 4,0
Chlorides %	0,03	< 0,10
Physical and Mechanical Characteristics		
Normal Consistency Water %	32,0	
Initial Setting Time min	180	> 60
Final Setting Time min	290	
Soundness Le Chatelier mm	0,0	< 10
Specific Surface (Blaine) cm ² /g	5106	
Compressive Strength at 2 days MPa		
• Monthly average	21,8	> 13,5
• Cumulative average (07/2025 - 06/2026)	20,9	> 13,5
• Cumulative Std. Dev. (07/2025 - 06/2026)	2,3	
Compressive Strength at 28 days MPa		
• Monthly average	55,5	42,5 - 62,5
• Cumulative average (07/2025 - 06/2026)	56,9	42,5 - 62,5
• Cumulative Std. Dev. (07/2025 - 06/2026)	2,2	
Additional Characteristics		
C3A * (%)	5,6	< 8,0
C3A + C4AF * (%)	17,1	< 22,0

* Corresponding to clinker composition

This document doesn't imply that any amount of cement has been supplied by the Company

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