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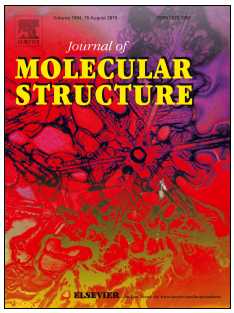

Factorial experimental design intended for the optimization of the alumina purification conditions

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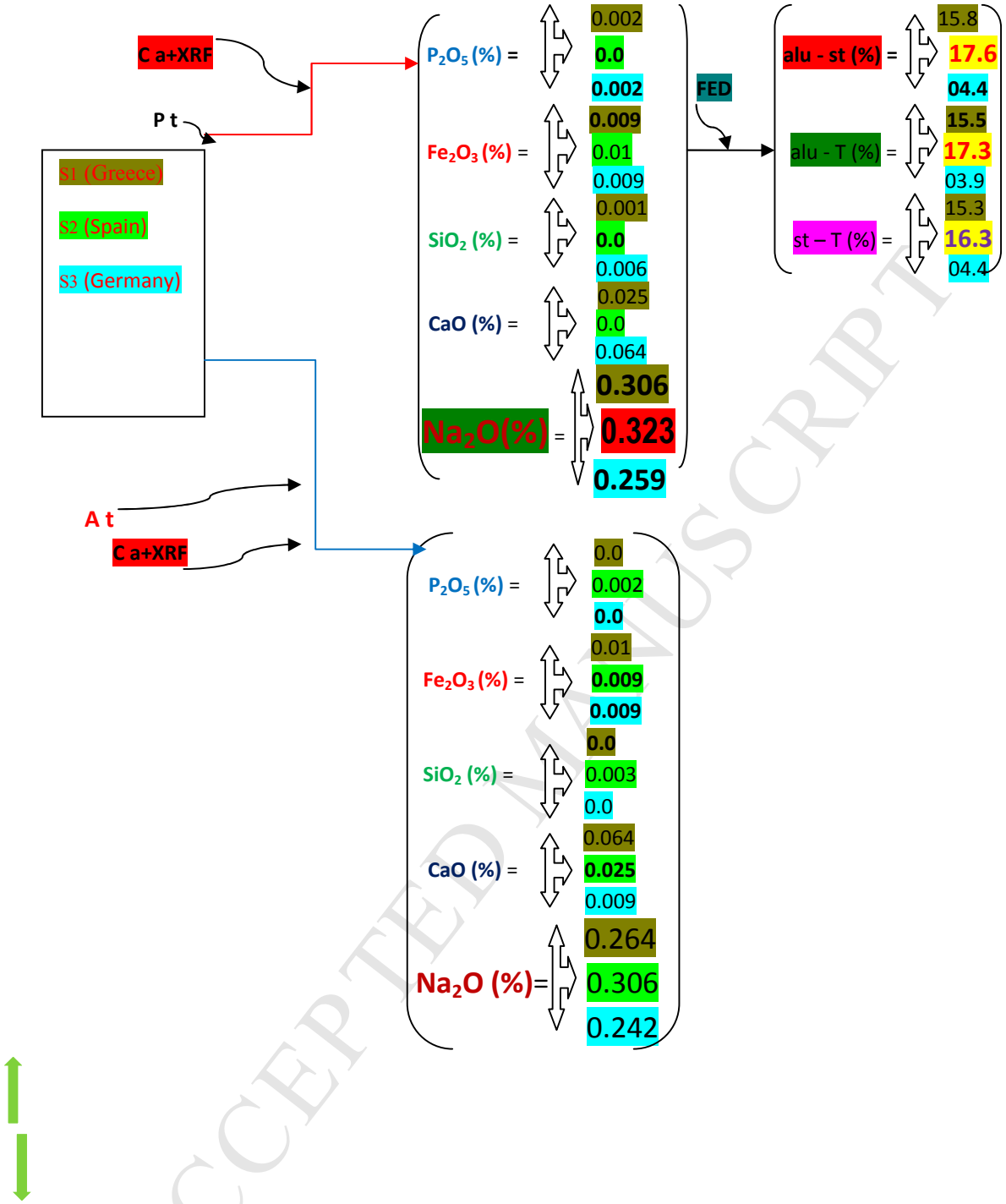

C a: Chemical analysis and X-ray fluorescence analysis (XRF); **P t**: Prior treatment; **F E D**: Optimization of the Alumina Purification Conditions by Factorial Experimental Design; **At:** After treatment; **alu – st:** quantity of alumina - stirring time; **alu – T**: quantity of alumina – temperature; **st– T:** stirring times - temperature