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OSL DOSIMETRIC PROPERTIES AND EFFICIENCY OF BRAZILIAN NATURAL CALCIUM FLUORIDE PELLETS

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ACCEPTED MANUSCRIPT

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Abstract

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Calcium fluoride (CaF₂), in both natural and synthetic forms, has been exhaustively studied and explored as thermoluminescent (TL) detector. However its sensitivity to ambient light points to the applicability of CaF₂ as OSL (Optically Stimulated Luminescence) detector, increasing the research about its luminescent properties. Although some properties to employ CaF₂ detectors with OSL technique have been already demonstrated, there is a lack Download English Version:

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