

^{226}Ra , ^{232}Th AND ^{40}K CONCENTRATIONS IN BRAZILIAN WALL PAINTS

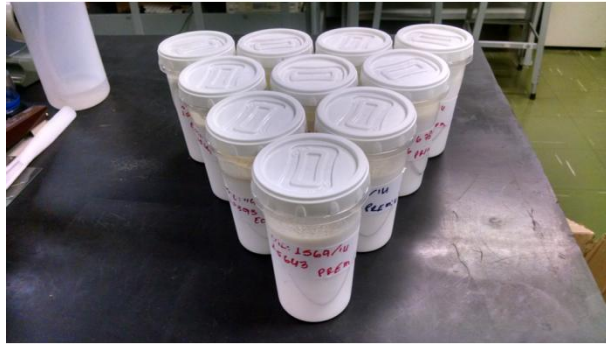
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Objectives and Methodology

- Activities concentrations assessment of ^{226}Ra , ^{232}Th and ^{40}K in white wall paints samples.



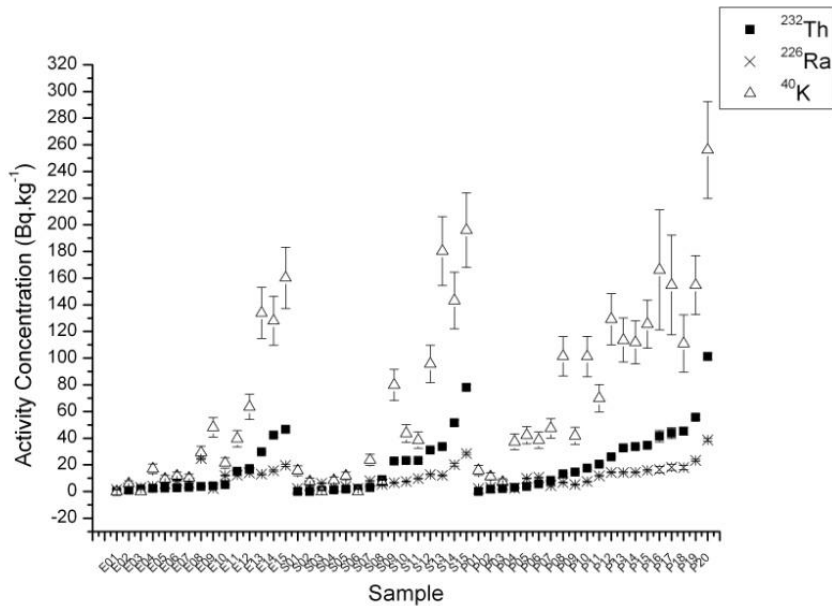
- Correlation studies of ^{226}Ra and ^{232}Th activities concentrations.

- Methodology: high resolution gamma spectrometry.



- Self-attenuation factors determined for all samples.

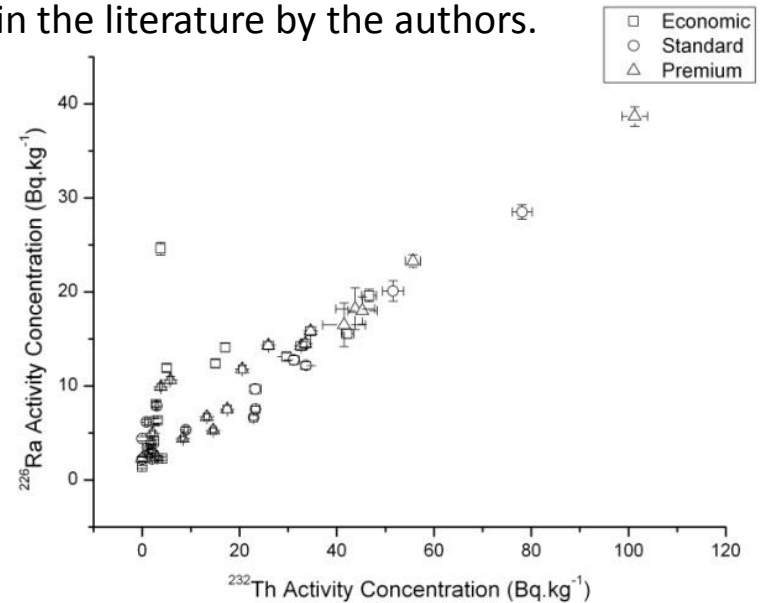
Summary of Results



All samples presented values considered safe for use in constructions.

No correlation between the activity concentration and the wall paint type (Economic, Standard or Premium) was observed.

The authors find that these results are exclusives since this kind of data were not found in the literature by the authors.



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