^{111}Cd Time Differential Perturbed Angular Correlation Studies of High Specific Activity ^{111}In-Aqueous Solutions

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Time-differential PAC measurements have been made using the high specific activity of ^{111}In, both in aqueous solutions of the ClO^-_4, NO^-_3 and Cl^- at pH values between 1.0 and 9 and temperatures between 186 and 293 K.

Key words: ^{111}In; ^{111}Cd; High Specific Activity; Nuclear Quadrupole Interaction (NQI); Time Differential Perturbed Angular Correlation (TDPAC).