

List of Publications

1. Trace-ion diffusion of $^{54}\text{Mn}^{2+}$ in 2-1 electrolytes,
S.F. Patil, N.G. Adhyapak and S.K. Ujlambkar,
Radiochem.Radioanal.Lett., 49, 119 (1981).
2. Diffusion studies of manganese sulphate and manganese
chloride in agar gel medium,
S.F. Patil, N.G. Adhyapak and S.K. Ujlambkar,
Int.J.Appl.Radiat.Isot., 33, 1433 (1982).
3. Effect of supporting electrolytes on the diffusion
of Zn^{2+} ions in agar gel medium,
S.F. Patil, N.G. Adhyapak, S.K. Ujlambkar and Kawaljit Kaur,
Int.J.Appl.Radiat.Isot., 34, 701 (1983).
4. Applicability of the transition state theory to diffusion
of manganese and copper ions and their salts in gel medium,
S.F. Patil, N.G. Adhyapak and S.K. Ujlambkar,
Int.J.Appl.Radiat.Isot. (in press).
5. Obstruction effect in the diffusion of cadmium acetate
and manganese chloride by agar gel,
S.F. Patil, N.G. Adhyapak and S.K. Ujlambkar,
presented at D.A.E. Symposium held at Banaras, 1981.
6. Effect of supporting electrolytes on the diffusion of
 Mn^{2+} ions in agar gel medium,
S.F. Patil, N.G. Adhyapak and S.K. Ujlambkar,
Radio and Radiat. Chem. Symp. AR 21 (1982).