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Polarographic Determination of Fluvoxamine Maleate in Tablets

Fikriye ELMALI, Güzin ALPDOĞAN, Sıdıka SUNGUR
Yıldız Technical University, Faculty of Science and Arts,
Department of Chemistry,
80270, Şişli, İstanbul-TURKEY

Şule AYCAN
Celal Bayar University, Faculty of Science and Arts,
Department of Chemistry,
Manisa-TURKEY

Abstract: The differential pulse polarographic (DPP) method was developed for the determination of fluvoxamine maleate (I). At pH = 3.7, (I) give a peak at -0.73 V in aqueous solution. The developed method was applied to the assay of the drug substance in commercial tablet formulations. The results were statistically compared with those obtained by reference methods (HPLC and direct current polarographic method) using t- and F- tests at 95 % confidence level.

Key Words: Fluvoxamine maleate, differential pulse polarography, determination, tablets.

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