In this paper, a new, selective, precise and accurate kinetic spectrophotometric method for iron determination based on the its catalytic effect in the reaction of oxidation of disulpfonated hydroquinone by hydrogen peroxide in the acidic medium was developed. The advantage of these methods in comparison with today's modern techniques is in the fact that UV/Vis spectrophotometry is a fast, cheap and accessible technique with satisfactory sensitivity. We hope that the obtained results, discussions and comments will be interesting for this journal.