General properties of the balance 2f(O) – f(H) in electrolytic systems some detailed remarks on elemental versus core balances

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Any electrolytic system in aqueous media is described with use of charge balance, f0 = ChB, and K elemental or core balances, fk = f(Yk) (k = 1,...,K). The balances: f1 = f(H) and f2 = f(O) are the basis to formulate the linear combination f12 = 2f2 – f1 = 2f(O) – f(H). For a redox system with K – K* electronactive elements (players), f12 is linearly independent on ...

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Determination of pyridoxine by means of an indicator diazo-test strip

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Pyridoxine (vitamin B6) plays an important role in the body’s metabolism. Reaction of azocoupling with diazoaryl compound underlies in a basis a known photometric method of its chemical analysis. This method is not selective. In the present work the test method of determination of the pyridoxine containing in a molecule hydroxyarylgroup, was proposed by them azocoupli ...

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