

Title (en)

THE USE OF FLUID INSOLUBLE OXIDIZING AGENTS TO ELIMINATE INTERFERING SUBSTANCES IN OXIDATION-REDUCTION MEASURING SYSTEMS

Publication

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Application

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Abstract (en)

[origin: WO9012113A1] Systems and methods are disclosed for removing redox-active substances from aqueous, partially aqueous or non-aqueous fluids. The invention involves contacting the fluid to be treated with a redox-active agent that is insoluble in the fluid, thereby oxidizing interfering redox-active substances. Electron transfer agents can also be employed. The residual redox oxidizing agent is removed from the treated fluid on the basis of its insolubility, so that no residual redox activity remains. The invention is useful for removal of interfering redox-active substances from liquid samples when analytes in the sample are to be measured using reduction-oxidation chemistry and the redox-active interfering substances removed by the disclosed method interfere in the reduction-oxidation analysis. Furthermore, this invention is especially useful to pretreat blood, serum, plasma or other bodily fluids prior to analysis or other use of these fluids, where the presence of reduction-oxidation active substances constitutes an interference in that analysis or use.

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- No further relevant documents disclosed
- See references of WO 9012113A1

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