

THE USE AND EMPLOYMENT OF SOLID PHASE EXTRACTION IN HORSE RACING ANALYSIS



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INTRODUCTION

In the field of performance animal testing e.g. Race Horse Sample Testing, the ability to extract, isolate, confirm and quantify any potential exogenous substances (not necessarily drugs) falls within the remit of the analytical scientist. By employing Solid Phase Extraction Methodology (SPE), this process can be undertaken with a high degree of accuracy, precision, and efficiency. The use of SPE can reduce turnaround times, increase productivity, and reduce the both analysts time, consumables, and expensive solvents. As Race Horse Urine is known to be a viscous liquid UCT has developed a novel sorbent (XtrackT[®]) format to overcome this difficulty whilst allowing efficient sample flow, and still maintain a highly reproducible system. This column sorbent (available in standard cartridge and in 48 and 96 well plate formats) complements the UCT range of CLEAN SCREEN[®] SPE sorbents.



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