

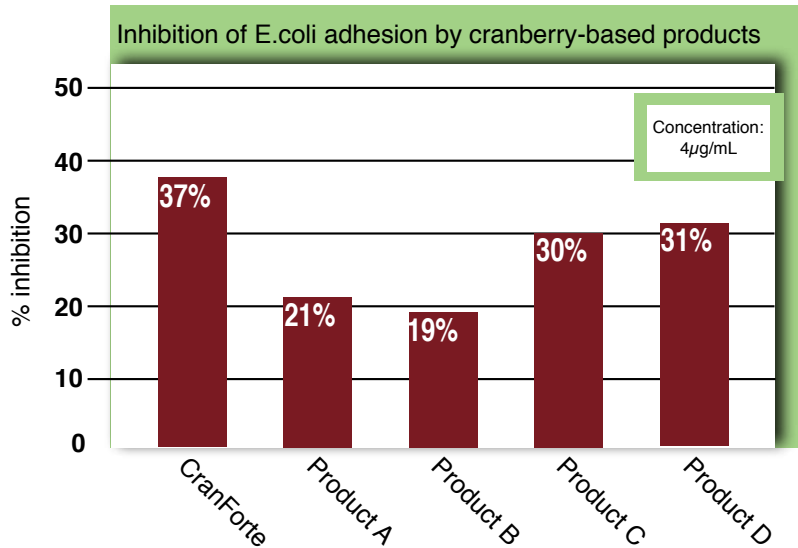
CRANFORTE



CranForte® Outperforms Leading Cranberry Products for Inhibition of E.coli Adhesion

INTRODUCTION

CranForte®, a proprietary blend of cranberry, grape seed extract and citric acid from FutureCeuticals, was compared to other commercially available cranberry products for ability to inhibit E.coli adhesion. At low concentrations, CranForte was found to be the most active for inhibiting these bacteria.



Proanthocyanidins are compounds that research has identified as responsible for inhibiting adhesion of E.coli bacteria associated with urinary tract infection.

CranForte contains minimum 10% Oligomeric Proanthocyanidins from a blend of cranberry extract, grape seed extract and citric acid carefully designed to maximize anti-adhesive characteristics.

STUDY

The study was performed to measure the effect of selected cranberry products on E.coli adhesion to human bladder cells. Results showed that various cranberry products demonstrated differing ability to inhibit adhesion of E.coli one hour after treatment.

At a concentration of 4µg/mL, CranForte showed the most activity with a 37% inhibition rate. The inhibition range of tested materials was 19-37%. Additionally, a concentration rate of only 10.5µg/mL of CranForte resulted in 50% inhibition. The concentration needed of the next leading cranberry product in order to achieve the same results was 13.8µg/mL.

CONCLUSION

Results showed that industry leading cranberry products had varying potential for inhibiting E.coli adhesion to cells associated with urinary tract infection. Activity at low concentrations of a material can indicate high potential of potency in the bloodstream after consumption. At the concentration measured (4µg/mL), CranForte exhibited the strongest potential for inhibiting E.coli adhesion among the tested cranberry products.