

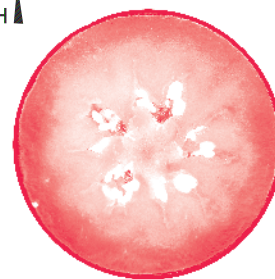
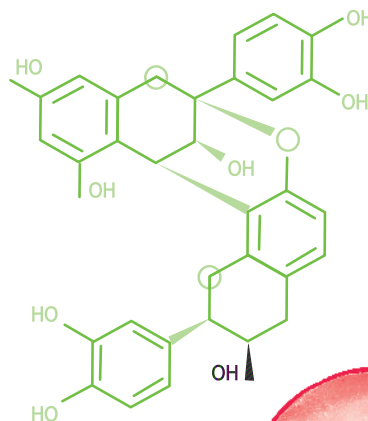


PROTECT

ProAnthoCyanins-A rich cranberry extract

Min 20% PAC HPLC

Min 10% PAC-A2 BL-DMAC



ACTIVITY BENEFITS

1

COMPLEXES WITH DIETARY AND ENDOGENOUS PROTEINS

Lower digestive enzymatic activity and energy efficiency

▶ **WEIGHT MANAGEMENT**

Lower glycoprotein interactions and pathogen infection

▶ **ANTI-INFECTIOUS**

2

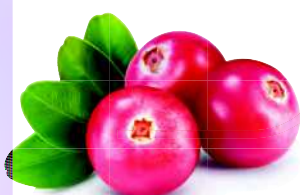
PROMOTES MUCINS SYNTHESIS AND MODULATES GUT MICROFLORA COMPOSITION

Improves mucin layer and mucosal barrier physiology and immunity

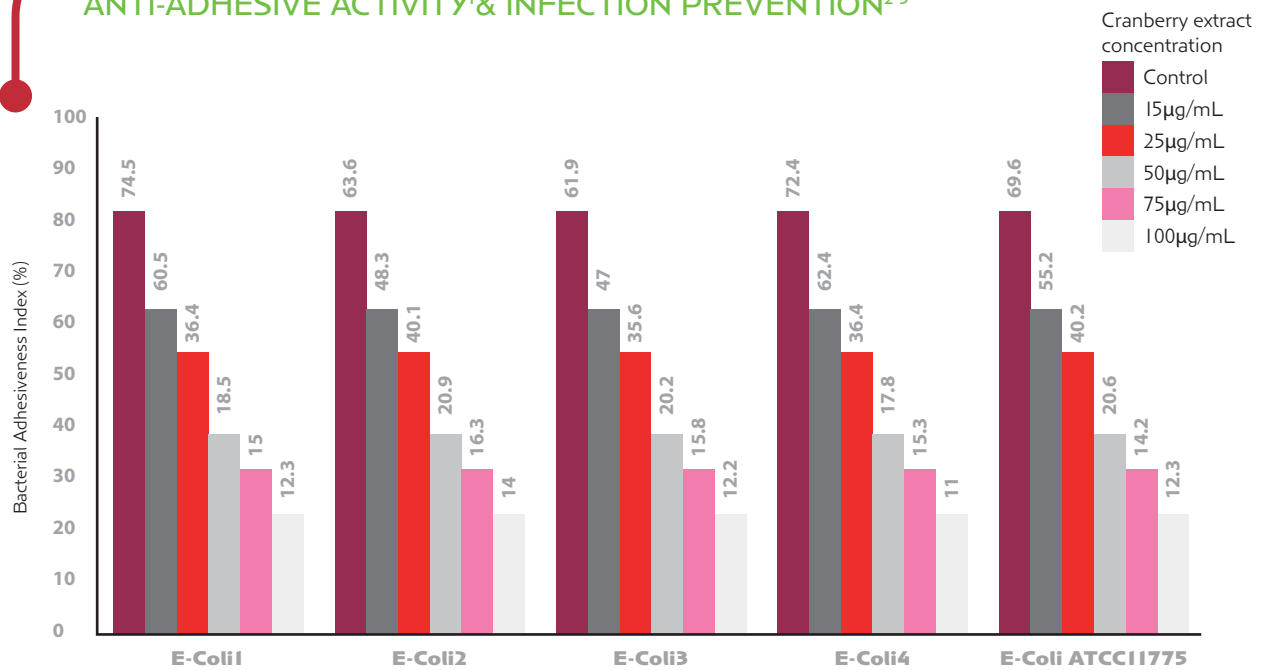
▶ **ANTI-INFECTIOUS**

Increases proportions of the mucin-degrading species *Akkermansia muciniphila*

▶ **METABOLIC SYNDROME**

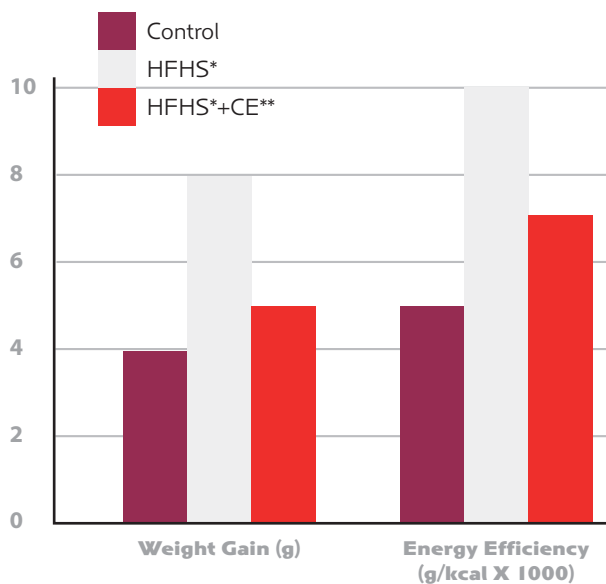


ANTI-ADHESIVE ACTIVITY¹ & INFECTION PREVENTION²⁻³



Cranberry extract reduces bacterial adhesiveness in a dose-dependent manner³

PROTECTION AGAINST DIET-INDUCED OBESITY⁴



Cranberry extract significantly reduces weight gain and energy efficiency in a High Fat High Sucrose diet.



REFERENCE

- 1- Di Martino P., et al. 2006. World J. Urol. 24 (1) : 21-27
- 2- Weiss EL., et al. 2005. Antiviral Res. 66 (1) : 9-12.
- 3- Nicolosi D., et al. 2014, Antibiotics, 3, 143-153
- 4- Anhe FF, et al. 2015. Gut. 64(6) : 872-83

* High Fat High Sucrose
** Cranberry Extract