

Utiwipe®

(Cranberry, D-Mannose & Potassium Magnesium Citrate Suspension)

Composition:

Each serving per 15 ml contains (approx.):

Cranberry Extract	200mg
(Containing 25% Proanthocyanidin)	
D-Mannose.....	300mg
Potassium Magnesium Citrate... ..	978 mg

Clinical Pharmacology:

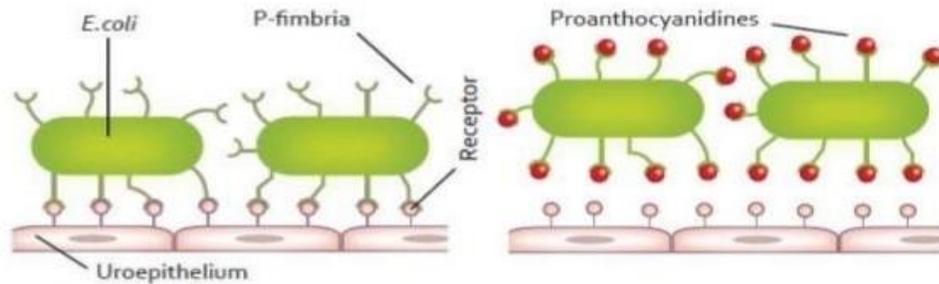
Cranberry Extract:

Cranberry is a term derived from the contraction of “crane berry.” This name is derived from the nickname of the bilberry flower, which, when it withers, is similar in appearance to the head and neck of the sand crane, a bird that often feeds on the berries of this plant.

The cranberry is part of the Ericaceae family and naturally grows in acidic swamps full of peat moss in humid forests. Cranberries are composed of water (88%), organic acids (including salicylate), fructose, vitamin C (high levels, i.e., 200 mg/kg of fresh berries), flavonoids, anthocyanidins, catechins, and triterpenoids. The chemical constituents responsible for their taste are the iridoid glycosides. The anthocyanidins and proanthocyanidins (PAC) are tannins

(stable polyphenols) found only in vaccinium berries and function as a natural plant defense system against microbes. Cranberries work principally by preventing the adhesion of type 1 and p-fimbriae strains (particularly from E. coli) to the urothelium. Without adhesion, the bacteria cannot infect the mucosal surface.

Proanthocyanidins A from cranberry inhibits the mannose-resistant adhesins (P-fimbriae) of uropathogenic *E.coli*.



D-Mannose:

D-mannose is a sugar that has an important role in human metabolism, especially in the glycosylation of certain proteins. The supposed mechanism of action is inhibiting bacterial adherence to uroepithelial cells. D-mannose binds to the type 1 pili of enteric bacteria blocking their adhesion to uroepithelial cells, and reduction in bacteriuria levels have been confirmed in *in vivo* animal models. Simply D-mannose is a monosaccharide that can be rapidly absorbed and excreted by the urinary tract and can prevent the adhesion of type 1 bacterial fimbria to the uroepithelium.

Potassium Magnesium citrate:

It acts as a urinary alkaliniser. It decreases acidic urine pH and delivers an alkaline loading effect.

Indications:

- ❖ Urinary Tract Infections.
- ❖ Recurrent Urinary Tract Infections.
- ❖ Complicated Urinary Tract Infections.
- ❖ Bacteriuria.
- ❖ Cystitis.
- ❖ Pyelonephritis.
- ❖ Urolithiasis.
- ❖ Burning micturition.

For Therapeutic Use.

Sugar Free.

Dosage: 15ml BID (Twice a Day) with water for 5 to 7 days.

Route of administration: Oral

Flavour: Delicious Cranberry Flavour

Presentation: Utiwipe Suspension is available as 100 ml suspension.

Marketed By:



EPIONE PHARMACEUTICALS PVT.LTD.

804, Suyog Center, Gultekdi, Pune-411037 (MH), India.