SPECIFICATION

PRODUCT：Urinary+

Code：PFP4034

Ingredient：*Pediococcus pentosaceus* PP365, *Pediococcus pentosaceus* PP366, *Lactobacillus plantarum* LP142, Inulin, Tapioca starch.

Items	Specifications	Methods
Color	Light yellow	Visual
Description	Capsule	Visual
Odor	Characteristic	Organoleptic
Taste	Characteristic	Organoleptic
LAB content *P. pentosaceus PP365* *P. pentosaceus PP366* *L. plantarum LP142*	1.8×10^{10}CFU/capsule	CNS 14760
Each capsule net weight	> 400mg	In-house
Moisture	<8%	AOAC 934.01；CNS5033
Heavy Metal		
Total heavy metals	<10ppm	Colorimetric Detection as Pb
Microbiology		
Yeast & Molds	$<1x10^2$ CFU/g	U.S. FDA bacteriological analytical manual and CNS 12925
Coliform	$<1x10^2$ MPN/g	CNS 10951
Escherichia coli	Negative	Merck's Chromocult® Coliform Agar method
Staphylococcus aureus	Negative	CHROMagar *Staphylococcus aureus* Count
Salmonella spp.	Negative	CHROMagar *Salmonella* Count

NEW BELLUS ENTERPRISES CO., LTD. QUALITY ASSURANCE

PRODUCT DATA SHEET

Urinary+

Gut microbiota has the largest numbers of microbes and the greatest numbers of species compared to other areas of the human body. In the gut, microbes secrete molecules and excrete metabolites to maintain the well-being of physical function and to influence the development of diseases. Probiotics ingestion can alter the flora balance to reduce the risk of disease. In 2001, the FAO/WHO expert consultation defines probiotics as live microbes that confer a health benefit on the host when administered in adequate amounts.

Description

Urinary+ is the freeze-dried microbial culture blend. It is scientifically proven and helpful in urinary tract infection.

Composition

Pediococcus pentosaceus PP365
Pediococcus pentosaceus PP366
Lactobacillus plantarum LP142
Organic tapioca maltodextrin

Potency

100 Billion CFU/g

Identification of microbe

16S rDNA sequencing

Evaluation of probiotic potential

Survival in simulated GI tract
Adhesion to epithelial cells

Physical characteristics

Appearance	White to cream-colored, free-flowing powder with characteristic odor
Moisture	< 8%

❶ Lactose is used in the culture medium.
Refer to Regulation (EU) No 1169/2011

Antibiotics susceptibility

	PP 365	PP 366	LP 142
Gentamicin	S	S	S
Kanamycin	R	I	I
Streptomycin	R	I	I
Neomycin	S	S	S
Tetracycline	R	R	I
Erythromycin	S	S	I
Clindamycin	S	S	S
Chloramphenicol	S	I	S
Ampicillin	I	S	I
Penicillin	I	S	I
Vancomycin	R	R	R
Quinupristin-dalfopristin	I	S	S
Linezolid	S	S	S
Trimethoprim	R	R	R
Ciprofloxacin	R	R	I
Rifampicin	S	I	S

S= Susceptible (MIC ≤ 4 μg/ml)
I= Intermediate (MIC = 8-32 μg/ml)
R= Resistant (MIC ≥ 64 μg/ml)

GMO status

Urinary+ does not consist of, nor contains, nor is produced from genetically modified organisms (GMOs).