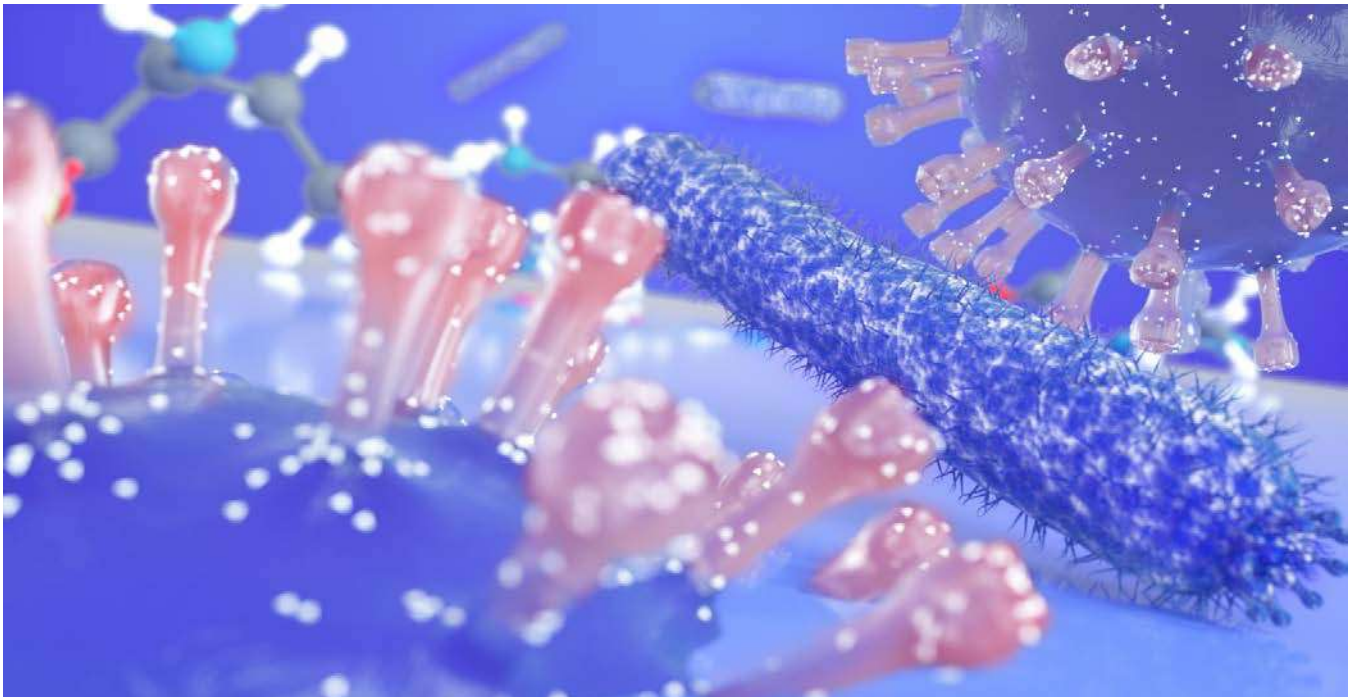


SYNBIOTICS WITH NANO LIPOSOMAL COMPOUNDS

CHEWABLE
TABLETS



SUPREME
PHARMATECH

NANOSYN M

ABOUT THE PRODUCT

NANOSYN is series of synbiotic formulations reinforced with nano liposomal active compounds. Synbiotics refer to food ingredients or dietary supplements combining probiotics and prebiotics in a form of synergism.

INGREDIENTS

Liposomal astragalus

Fructooligosaccharides (FOS)

Bifidobacterium adolescentis CCFM1062

Lactobacillus reuteri FGSZY33L6

Lactobacillus rhamnosus CCFM0528

Lactobacillus rhamnosus CCFM1130

probiotic potency 10 Billion CFU per tablet

APPLICATION

Elevated blood glucose level

Glucose intolerance

Insulin resistance

Abnormal fasting blood glucose

Blood lipid disorders (LDL, triglycerides)

Tissue damage and gut microbiota disorders

DOSE

Each 1 chewable tablet contains

10 billion CFU of friendly bacteria

1 tablet a day would be an adequate dose



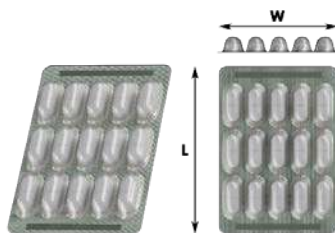
TABLET

1000 mg

QUANTITY

30 tablets

PACKING



*Blister plate 115x75mm
(15 tablets)*

2 blister plates per box

RESEARCH

1. Application of bifidobacterium adolescentis CCFM1062 in preparation of functional microbial inoculum, food and/or medicament, CN110368406B
2. Lactobacillus rhamnosus FJSYC4-1 and Lactobacillus reuteri FGSZY33L6 alleviate metabolic syndrome via gut microbiota regulation. PMID: 33977963 DOI: 10.1039/d0fo02879g
3. Lactobacillus rhamnosus reduces blood glucose level through downregulation of gluconeogenesis gene expression in streptozotocin-induced diabetic rats. International Journal of Food Science Vol. 2020, Article ID 6108575
4. Oral administration of Lactobacillus rhamnosus CCFM0528 improves glucose tolerance and cytokine secretion in high-fat-fed, streptozotocin-induced type 2 diabetic mice. Journal of Functional Foods Vol. 10, Sept. 2014, p. 318-326
5. Lactobacillus rhamnosus CCFM1130 and application thereof in relieving and treating gout, CN112481172A

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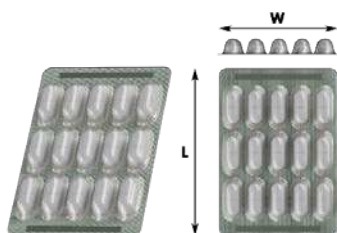
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INGREDIENTS

Liposomal silymarin

Fructooligosaccharides (FOS)

Bifidobacterium adolescentis CCFM1062

Lactobacillus rhamnosus CCFM1107

Lactobacillus rhamnosus CCFM1130

probiotic potency 10 Billion CFU per tablet

APPLICATION

Alcohol-induced liver injury

High level of LDL and triglycerides

Liver steatosis, liver inflammation

Low level of superoxide dismutase (SOD)

Low glutathione (GSH)

Low glutathione peroxidase (GSH-Px)

High serum aminotransferase and endotoxin

Hyperuricemia and gout

DOSE

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RESEARCH

1. Application of *bifidobacterium adolescentis* CCFM1062 in preparation of functional microbial inoculum, food and/or medicament, CN110368406B
2. *Lactobacillus rhamnosus* CCFM1107 treatment ameliorates alcohol-induced liver injury in a mouse model of chronic alcohol feeding. PMID: 26626356, DOI:10.1007/s12275-015-5239-5
3. *Lactobacillus rhamnosus* capable of relieving alcoholic chronic liver injury and application thereof. Publication Number WO/2013/127148 dd. 06.09.2013, International Application No. PCT/CN2012/078861
4. *Lactobacillus rhamnosus* CCFM1130 and application thereof in relieving and treating gout, CN112481172A

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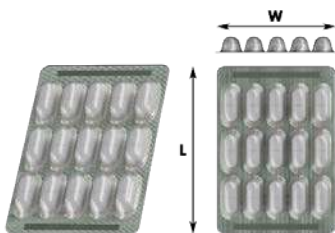
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INGREDIENTS

Liposomal hesperidin

Fructooligosaccharides (FOS)

Bifidobacterium bifidum CCFM1167

Bifidobacterium longum CCFM760

Saccharomyces boulardii HH-SB39

probiotic potency 10 Billion CFU per tablet

APPLICATION

Constipation

Diarrhea

Intestinal dysbacteriosis

Escherichia coli induced diseases

(UTIs, diarrhea)

Staphylococcus aureus induced infections

DOSE

Each 1 chewable tablet contains

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1 tablet a day would be an adequate dose

RESEARCH

1. *Bifidobacterium bifidum* for relieving constipation and its fermented food and probiotic preparation. CN112940980A, Jiangsu Academic Papers Database
2. Screening and probiotic characteristics analysis of *Bifidobacteria* with relieving constipation. 2019-05-15, GTID: 2370330548976014
3. Physiological characteristics, safety evaluation and genetic analysis of *Bifidobacterium longum* CCFM760. DOI: 10.3969/j.issn. 1673-1689.2020.02.011
4. Efficacy and safety of the probiotic *Saccharomyces boulardii* for the prevention and therapy of gastrointestinal disorders. Therap Adv Gastroenterol. 2012 Mar; 5(2): 111–125. DOI: 10.1177/1756283X11428502

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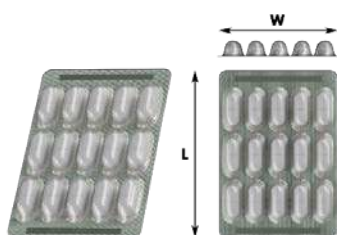
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INGREDIENTS

Liposomal GABA

Liposomal glutathione

Fructooligosaccharides (FOS)

Bifidobacterium breve CCFM1025

Lactobacillus rhamnosus CCFM1107

probiotic potency 10 Billion CFU per tablet

APPLICATION

Alzheimer's disease (AD)

Impaired cognition

Major depression disorder

Low glutathione (GSH)

Low glutathione peroxidase (GSH-Px)

Low superoxide dismutase (SOD)

High levels of malondialdehyde (MDA)

DOSE

Each 1 chewable tablet contains
10 billion CFU of friendly bacteria
1 tablet a day would be an adequate dose

RESEARCH

1. Integrative metabolomic characterization reveals the mediating effect of *Bifidobacterium breve* on amino acid metabolism in a mouse model of Alzheimer's disease. *Nutrients* 2022, 14, 735. <https://doi.org/10.3390/nu14040735>
2. Administration of *Bifidobacterium breve* improves the brain function of a 1-42-treated mice via the modulation of the gut microbiome. *Nutrients* 2021, 13, 1602. <https://doi.org/10.3390/nu13051602>
3. *Bifidobacterium breve* CCFM1025 attenuates major depression disorder via regulating gut microbiome and tryptophan metabolism: A randomized clinical trial. *Brain, behavior and immunity*, Vol. 100, Feb 2022, p. 233-241
4. *Lactobacillus rhamnosus* CCFM1107 treatment ameliorates alcohol-induced liver injury in a mouse model of chronic alcohol feeding. PMID: 26626356, DOI:10.1007/s12275-015-5239-5
5. *Lactobacillus rhamnosus* capable of relieving alcoholic chronic liver injury and application thereof. Publication Number WO/2013/127148 dd. 06.09.2013, International Application No. PCT/CN2012/078861

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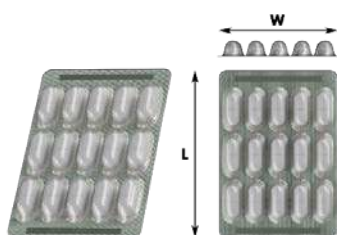
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INGREDIENTS

Liposomal quercetin

Fructooligosaccharides (FOS)

Bifidobacterium longum CCFM1029

Lactobacillus reuteri CCFM1040

probiotic potency 10 Billion CFU per tablet

APPLICATION

Atopic dermatitis

Elevated histamine level in the skin tissue

Elevated histamine levels in the lungs

Elevated IL-17A, IL-5, and IL-13 in the lungs

Asthma

Food allergies

DOSE

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RESEARCH

1. *Bifidobacterium longum* capable of relieving atopic dermatitis and application thereof. CN109652349B
2. Probiotic strains alleviated OVA-induced food allergy in mice by regulating the gut microbiota and improving the level of indoleacrylic acid in fecal samples. Pub date: 2022-03-10, DOI: 10.1039/d1fo03520g
3. *Lactobacillus reuteri* CCFM1072 and CCFM1040 with the role of Treg cells regulation alleviate airway inflammation through modulating gut microbiota in allergic asthma mice. Journal of Functional Foods, <https://doi.org/10.1016/j.jff.2020.104286>
4. One plant of *Lactobacillus reuteri* that can be relieved allergic asthma and its application. CN109628359A

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NANOSYN



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INGREDIENTS

Liposomal curcumin

Liposomal resveratrol

Fructooligosaccharides (FOS)

Bifidobacterium longum CCFM760

Bifidobacterium longum CCFM1195

Lactobacillus rhamnosus CCFM1119

probiotic potency 10 Billion CFU per tablet

APPLICATION

Helicobacter pylori induced diseases
(ulcers, gastritis, stomach cancer)

Escherichia coli induced diseases
(UTIs, diarrhea)

Staphylococcus aureus induced infections
Zinc deficiency

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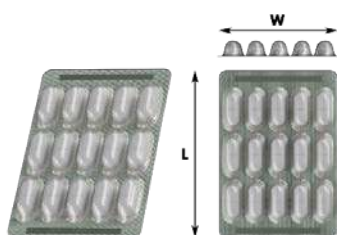
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RESEARCH

1. *Lactobacillus rhamnosus* and application thereof in inhibiting *helicobacter pylori*. CN111607538B
2. Physiological characteristics, safety evaluation and genetic analysis of *Bifidobacterium longum* CCFM760. DOI: 10.3969/j.issn. 1673-1689.2020.02.011
3. Effects of Zn-enriched *Bifidobacterium longum* on the growth and reproduction of rats. *Nutrients* 2022, 14, 783. <https://doi.org/10.3390/nu14040783>

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