



浙江一新制药股份有限公司

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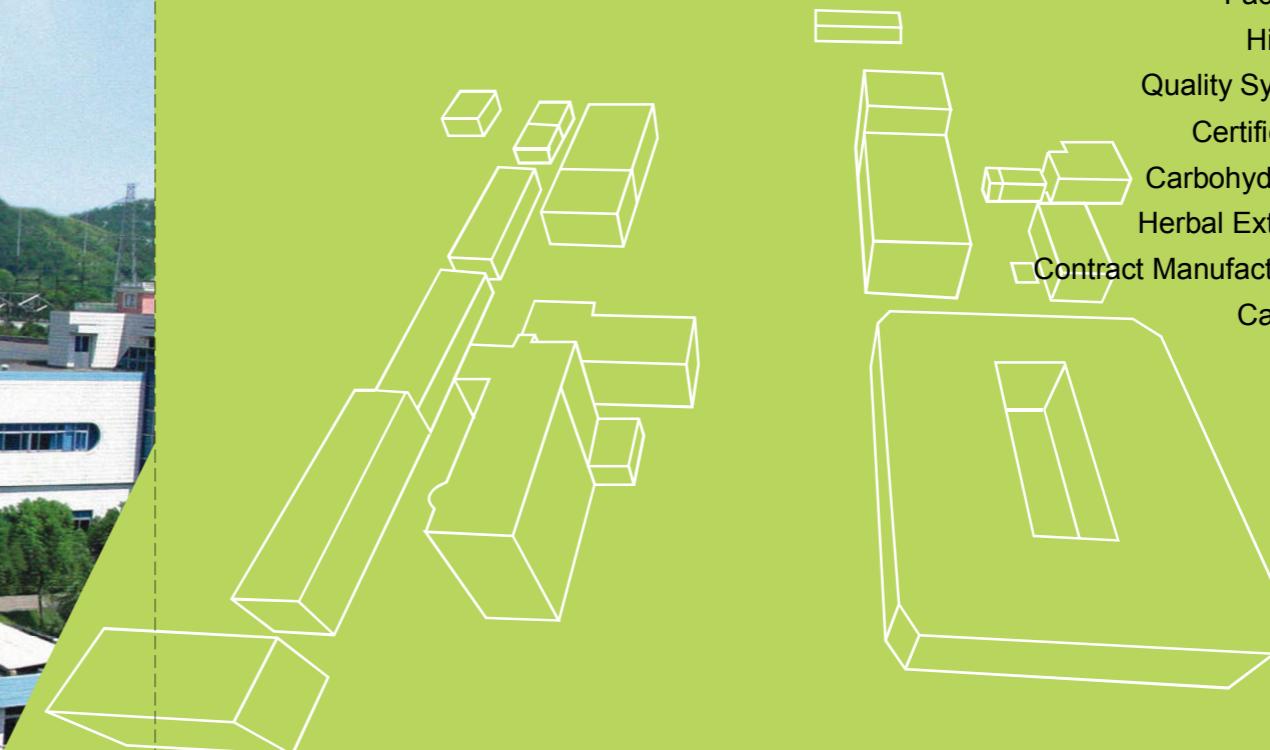
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HEALTHY TODAY, BE BRILLIANT IN FUTURE!



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Zhejiang Yixin Pharmaceutical Co., Ltd, set up in 1989, is a high-tech enterprise specializing in the development, production and sales of Traditional Chinese Medicine, natural API, health products, herbal extracts and carbohydrates.

At present, Yixin has herbal extracts workshop, oral solid workshop, oral solution workshop, preparation workshop for external use, natural API workshop and carbohydrates (Jiang nan) workshop.

浙江一新制药股份有限公司成立于 1989 年,是一家专业从事中西药制剂、保健食品、原料药、植物提取物、糖化产品的高科技现代化企业。

目前一新拥有植物提取车间、口服固体车间、口服液体车间、外用制剂车间、天然原料药车间及江南糖化车间。

With 30 years of experience in Traditional Chinese Medicine and herbal extracts, Yixin presents top quality products and services under rigid GMP system and international regulations. All production sites are subjected to regular inspections by authorities and customers alike.

As an open and dynamic enterprise, Yixin pays close attention to the quality of customer service, Yixin streamlined and efficient organization structure fully support us in providing the best quality-focused service. Welcome customers from all over the world to join hands in creating prosperity together for the health of all human beings.



Oral preparation workshop
口服制剂车间



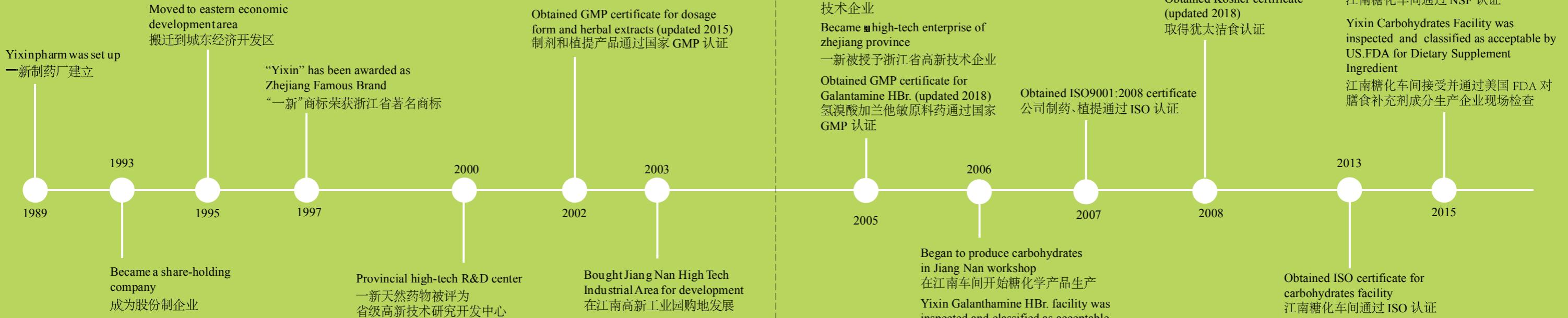
Herbal extracts/API workshop
植物提取/原料药车间



Carbohydrates workshop
糖化学车间

一新制药,在中药和植物提取领域深耕细作三十年,严格执行国际和国内药品生产质量管理规范,提供优质产品。所有产品的生产线均接受官方和客户的日常审计。

一新制药,具有高效流畅的组织架构,充分满足客户需求,提供优质服务。欢迎世界各地的客户与我们携手,共创未来。



Quality System

Quality Assurance

From raw materials, intermediates to finished products, GMP system has been established and improved for over 20 years to ensure the traceability and consistence. For herbal extraction, API from herbs and Traditional Chinese Medicine facilities, CFDA GMP Certificates have been obtained since 2002, updated 2015 and 2018 respectively, they are under strict surveillance of CFDA. For carbohydrates facility, NSF international GMP certificate has been obtained since 2015, updated 2018, NSF audit the facility twice a year. In 2006, 2011, 2015, Yixin herbal API facility and carbohydrate facility were inspected respectively by US FDA and classified as acceptable.

Quality Control

Yixin Quality Control Building is equipped with the first class testing instruments such as HPLC, GC, IR, AAS and etc. To secure the accuracy and consistency of data, data integrity system with audit trailing has been established since 2016. Fully trained lab technicians perform chemical analysis and testing on raw materials and finished products by validated scientific methods that allow you to offer your clients the reliable products.

质量方针

求实创新，敬业诚信，质量第一，规范经营。

质量目标

以满足顾客需求为已任，确保出厂产品合格率、产品市场抽检合格率达到100%。规范管理，持续改进，实现过程产品一次交验合格率99%以上。努力发展高起点、高技术、高质量的产品，确保公司在行业中的技术优势、质量优势，提高市场竞争力。



Drug Manufacturing License



GMP Certificate



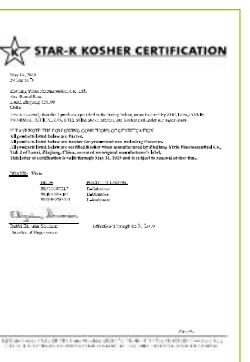
NSF Certificate



US FDA Inspection
for Carbohydrates



GMP Certificate



Kosher Certificate

Certificates



Plant-derived

D-Galactose

植物来源 D-半乳糖

D-Galactose is an aldohexose that occurs naturally in the body. It is commonly found in dairy products, sugar beets, certain gums and mucilages.

D-Galactose is a basic ingredient usually used for creating brain senescence in animal models, increasing glycoproteins production through adding to cell culture medium. As one of primary monosaccharides, D-Galactose can be acted as a basic start material for synthesis of many important intermediates. Certain medications contain galactose as excipient.

Plant derived, low endotoxin D-galactose is specifically for biopharmaceutical use. It can serve as a key, chemically defined component to optimize protein production while reducing lactate and ammonia formation.

Application

Targeted drug development
Biochemical reagent
Culture medium
Starting material for synthesis
Drug formulation excipient

Product Information

Cas No.	59-23-4
EINECS	200-416-4
Synonyms	Galactose, D-Galactopyranose
Chemical Structure	
Molecular Formula	C ₆ H ₁₂ O ₆
Molecular Weight	180.16
Purity	NLT 98.5% / 99.0%
Solubility	Easily soluble in water
Specific Rotation	+78.0° ~ +81.5°

D- 半乳糖是一种体内能自然生成的己醛糖，它通常存在于在奶制品、甜菜、某些树胶和植物粘液中。

D- 半乳糖是一种基本成分，通常用于创建脑衰老的动物模型，加入细胞培养基来增进糖蛋白的生成。作为一种基本的单糖，D- 半乳糖是合成许多重要中间体的基本起始原料。某些药物含有半乳糖作为辅料。

植物来源、低内毒素的 D- 半乳糖尤其适用于生物制药。它是一种关键的、化学明确的成分，用于优化蛋白的生产，同时能降低乳糖和氨基酸的形成。

Advantages

Plant-derived, NAD

Yixin's plant derived D-galactose (NAD) is completely from nature tree, non GMO source, developed specifically for biopharmaceutical use.

Low Endotoxin

Yixin plant derived D-galactose controls Endotoxin at the very low level to ensure the highest quality in biopharmaceutical products. It can meet special requirement less than 5 EU/g or more stricter requirement.

GMP System

Yixin plant derived D-galactose is produced under GMP system to ensure the traceability and consistent supply. For carbohydrates facility, NSF GMP certificate has been obtained since 2015, In 2015 Yixin carbohydrate facility was inspected and concluded by US FDA to meet the related requirements.



Plant-derived

L-Arabinose

植物来源 L-阿拉伯糖

L-Arabinose is a naturally occurring pentose with a sweet taste and is widely distributed as a component of complex non-starch polysaccharides in plant cell walls and plant gums.

As a low-calorie sugar-substituting sweetener, the relative sweetness of L-Arabinose equals to half of the Sucrose's. Some research suggested that L-Arabinose selectively inhibit sucrose absorption and then inhibit the increase of blood sugar.

Furthermore, L-Arabinose is an intermediate in flavor industry for producing flavors, the derivates of L-Arabinose can be used in the development of antiviral agents such as nucleoside.

Application

Intermediate for nucleoside derivates synthesis
Intermediate for flavors synthesis
Ingredient in function food
Food additive in foods, drinks

Product Information

Cas No.	5328-37-0
EINECS	226-214-6
Synonyms	L-(+)-Arabinose, L-Arabinopyranose
Chemical Structure	
Molecular Formula	C5H10O5
Molecular Weight	150.13
Purity	NLT 99.0%
Solubility	Easily soluble in water, slight soluble in alcohol
Specific Rotation	101°- 105 °

L- 阿拉伯糖是一种天然的戊糖, 带有甜味, 作为复合非淀粉多糖的一种成分广泛存在于植物细胞壁和植物胶中。

作为一种低热量的代糖, L- 阿拉伯糖的甜味是蔗糖的一半, 研究表明 L- 阿拉伯糖能选择性地抑制蔗糖的吸收, 进而抑制血糖的提高。

此外, 在香料工业上, L- 阿拉伯糖是生产香料的中间体, L- 阿拉伯糖的衍生物能用于开发核苷类抗病毒药物。

Advantages

Plant-derived, 100% Non-GMO Source

Yixin's plant derived L-Arabinose is completely from nature tree, non GMO source. It does NOT have any GMO risk, neither Yixin nor any of Yixin suppliers of raw materials has used Genetically Modified Organisms in this product.

Clean Technology

Yixin plant derived L-arabinose is produced by clean technology, during the whole production process, only water is used as extraction solvent to ensure the environmental sustainability and the process safety.

Low Impurity Profile

Yixin plant derived L-arabinose is produced under GMP system, every batch is tested for its chemical impurities and chiral impurity to meet the quality requirements both in pharmaceutical and food industry.

Plant-derived

D-Mannose

植物来源 D-甘露糖

D-mannose, is a sugar monomer of the aldohexose series of carbohydrates, existing in many kinds of fruits and plants, it is important in human metabolism especially in the glycosylation of certain proteins.

As a natural bioactive monosaccharide, D-mannose is a popular nutritional and health beneficial food supplement, especially used as a dietary supplement influencing glyconutrient contribution on human health. The particular components in D-mannose and its method of absorption in the body make it effective in treating or preventing infections in the bladder and urinary tract.

Plant derived, no GMO source D-mannose has low risk, especially for biopharmaceutical use, It can serve as a key component to ensure consistency of therapeutic glycosylation and potency.

D- 甘露糖是己醛糖中的一种单糖, 存在于多种水果和植物中, 它对人体代谢尤其是某些蛋白的糖基化来说非常重要。

作为一种天然的生物活性单糖,D- 甘露糖是一种流行的具有营养和健康价值的食品补充剂, 尤其是用于膳食补充剂来改善影响人体健康的醣质营养素分布。D- 甘露糖独特的成分及其被人体吸收的方式使得它具有治疗和预防膀胱及尿路感染的效果。

Product Information

Cas No.	3458-28-4
EINECS	222-392-4
Synonyms	D-(+)-Mannose, Carubinose, Seminose
Chemical Structure	
Molecular Formula	C ₆ H ₁₂ O ₆
Molecular Weight	180.16
Purity	NLT 99.0%
Solubility	Easily soluble in water, slight soluble in alcohol
Specific Rotation	13.7°- 14.7°

植物来源非转基因的 D- 甘露糖具有较低的风险, 尤其是在生物制药方面, 它作为一种关键成分来确保糖基化治疗和效果的一致性。

Application

Food additive, Dietary supplement ingredient, Cosmetic ingredient
Agriculture(Poultry), Start material for synthesis, Reagent



Advantages

Plant-derived, 100% Non-GMO Source

Yixin's plant derived D-mannose is completely from nature tree, non GMO source. It does NOT have any GMO risk, neither Yixin nor any of Yixin suppliers of raw materials has used Genetically Modified Organisms in this product.

GMP System

Yixin plant derived D-mannose is produced under GMP system to ensure the traceability and consistent supply. As a major dietary supplement ingredient, Yixin D-mannose facility was assessed by NSF to meet GMP requirement for dietary supplement ingredient.



Natural Galantamine HBr.

植物来源氢溴酸加兰他敏

Galanthamine Hydrobromide is a strong (reversible) cholinesterase inhibitor that increases the susceptibility of an organism to acetylcholine, and is an effective treatment for mild to moderate dementia of the Alzheimer's type.

氢溴酸加兰他敏是一种高度选择性的竞争性乙酰胆碱酯酶抑制剂，通过与烟碱性受体变构位点结合而提高乙酰胆碱的内在作用，对轻度至中度阿尔茨海默型痴呆症状有效。我公司是目前国内少数同时拥有原料药批文和GMP证书且能正常供货的厂家之一。

Product Information

Cas No.	1953-04-4
Molecular Formula	C ₁₇ H ₂₁ NO ₃ HBr
Molecular Weight	368.27
Chemical Structure	
Appearance	White or off-white powder
Reference	CP, USP, EP

Certificates



GMP Certificate
for API



US FDA Inspection
for API

Registration

GMP Certificate No. in China
ZJ20180020
DMF No. in USA
17972

Advantages

Natural Product

Yixin Galantamine is isolated from natural herb, non GMO source; it is produced on basis of extraction and purification process, 100% from nature.

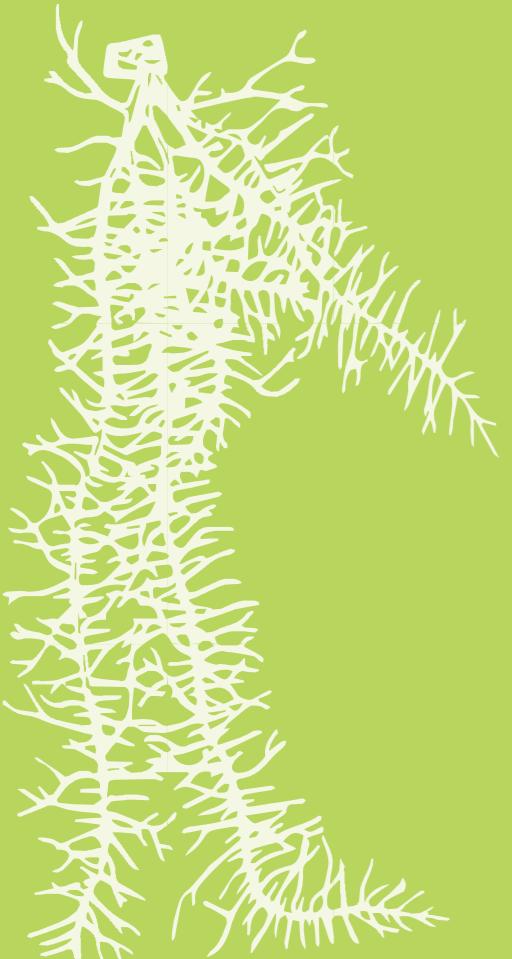
GMP System

Yixin Galantamine facility was inspected and classified as acceptable by US FDA in 2006, 2011, GMP certificate from CFDA has been obtained since 2005, updated 2018.

Cultivation

To ensure the stable supply of Galantamine HBr, a large area of herbs has been cultivated and advanced technology has been adopted to enhance the yield and consistent quality.





Usnea Extract

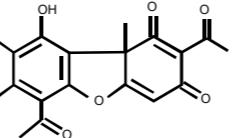
松萝提取物

(+)-Usnic Acid & its salt form 松萝酸及其钠盐

Usnic acid is uniquely found in lichens. It is a potent antibiotic effective against Gram-positive bacteria and other bacteria. It also exhibits antiviral, antiprotozoal, antimutagenic, anti-inflammatory and analgesic activity. Other characteristics, like ultraviolet absorption, preserving properties, antigrowth, antiherbivore and anti-insect properties, have also been demonstrated.

Sodium usnic acid is the salt form of usnic acid for better water solubility.

松萝酸在地衣中发现的一种天然抗菌成分，对革兰氏阳性菌以及其他多种菌有着很强的抗菌效果。松萝酸钠是松萝酸的钠盐，具有更好的水溶性。



Name	Usnic Acid
CAS No.	7562-61-0
Origin	Usnea
Molecular Formula	C ₁₈ H ₁₆ O ₇
Molecular Weight	344.32
Appearance	Yellow crystalline substance
Purity	NLT 98%



Advantages

Natural Product

Yixin Usnic Acid is extracted from Usnea. Usnea looks like long, fuzzy strings hanging from forest trees and rocks without any contamination. In the whole production process, only extraction and purification are involved, it is 100% from nature.

Stronger Anti-bacteria with Lower Toxicity

Against certain bacteria, Usnic acid is stronger than antibiotic penicillin. Yixin natural Usnic Acid demonstrates stronger anti-bacteria effect in comparison with synthetic source, in the meantime, gave excellent lower results of cytotoxicity.

GMP System

Yixin Usnic acid facility follows GMP guidelines to ensure the traceability and consistency. It has been frequently audited by international companies, DMF is available.

Application

Creams, powders, toothpaste, mouthwash, deodorants hair shampoos and sunscreen products.



St. John's Wort Extract

贯叶连翘提取物

St. John's wort (*Hypericum perforatum*) has a history of use as a medicine dating back to ancient Greece, where it was used for a range of illnesses, including various nervous disorders. St. John's wort also has antibacterial, antioxidant, and antiviral properties. Because of its anti-inflammatory properties, it has been applied to the skin to help heal wounds and burns. St. John's wort is one of the most commonly purchased herbal products in the United States.

St. John's wort extract are listed in many pharmacopoeias, such as "powdered St. John's Wort Extract" in dietary supplements of United States Pharmacopoeia, "St. John's Wort Dry Extract" in European Pharmacopoeia and "St. John's Wort 50% Ethanol Extract" in Korean Herbal Pharmacopoeia. St. John's wort contains several chemicals, including hypericin, hyperforin, and flavonoids, in Korean Herbal Pharmacopoeia total hypericins including hypericin and pseudohypericin are quality item for testing as main active compounds.

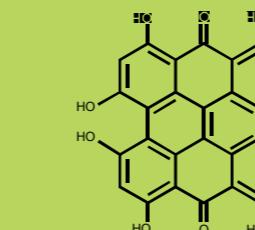
In recent years, St. John's wort has been studied extensively as a treatment for depression. Most studies show that St. John's wort may help treat mild-to-moderate depression, and has fewer side effects than most other prescribed antidepressants. As it interacts with a number of medications, it should be taken only under the guidance of a health care provider.

贯叶连翘 *Hypericum perforatum* L., 为藤黄科金丝桃属植物, 多年生草本, 它含有金丝桃素、贯叶金丝桃素和黄酮类等化学成分, 原料和提取物同时被欧洲药典、美国药典和韩国药典所收录。

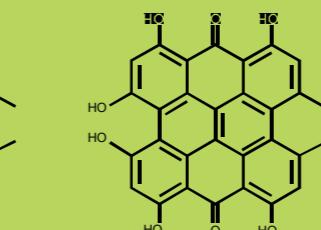
贯叶连翘被广泛研究用于治疗抑郁症。多种研究表明它能有助于治疗轻度至中度抑郁症, 且比其他大多数抗抑郁处方药有更少的副作用。随着抑郁症发生率逐年升高, 贯叶连翘以其独特的药理作用引起了世人的关注, 成为世界上最畅销的草药之一。此外贯叶连翘也同时具有抗菌、抗病毒等特性。

Active Substances

Hypericin, Pseudohypericin, Hyperforin, Flavonoids.



Hypericin



pseudohypericin

Functions

Anti-depression, Anti-inflammation, Anti-sepsis



Green Tea Extract

绿茶提取物

(-)-Epigallocatechin gallate (EGCG)

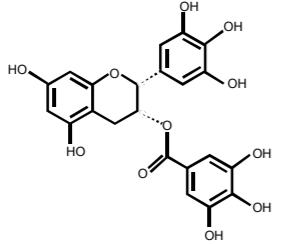
EGCG is a kind of component extracted from Chinese green tea. It is the primary active and water-soluble component of green tea, which has the highest content among the tea catechins. It accounts for 9-13% of green tea in net weight.

By virtue of its peculiar stereochemical structure, EGCG possesses much stronger anti-oxidant activities and plays an important role in preventing cancer and cardiovascular diseases.

In addition, it is potent as the reversal agent of MDR (Multidrug Resistance). As such, it may improve the sensitivity of cancer cells to chemotherapy drugs and reduce toxicity on the heart.

Application

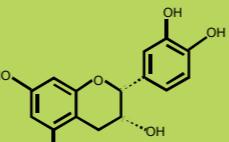
Medicine, Health food, Food, Cosmetics and Beverage, etc.



CAS No.	989-51-5
M.F.	C ₂₂ H ₁₈ O ₁₁
M.W.	458.37
Purity	90% - 99%

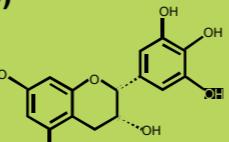
Epicatechin (EC)

CAS No.	490-46-0
M.F.	C ₁₅ H ₁₄ O ₆
M.W.	290.27
Purity	NLT 98%



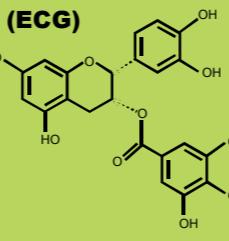
Epigallocatechin (EGC)

CAS No.	970-74-1
M.F.	C ₁₅ H ₁₄ O ₇
M.W.	306.27
Purity	NLT 98%



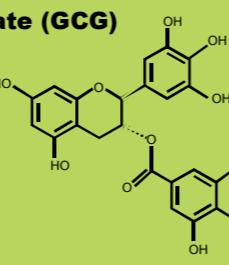
(-)-Epicatechin gallate (ECG)

CAS No.	1257-08-5
M.F.	C ₂₂ H ₁₈ O ₁₀
M.W.	442.37
Purity	NLT 98%



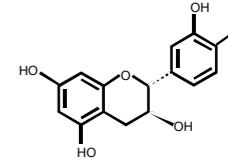
(-)-Gallocatechin gallate (GCG)

CAS No.	4233-96-9
M.F.	C ₂₂ H ₁₈ O ₁₁
M.W.	458.37
Purity	NLT 98%



(+)-Catechin

CAS No.	154-23-4
M.F.	C ₁₅ H ₁₄ O ₆
M.W.	290.27
Purity	NLT 98%



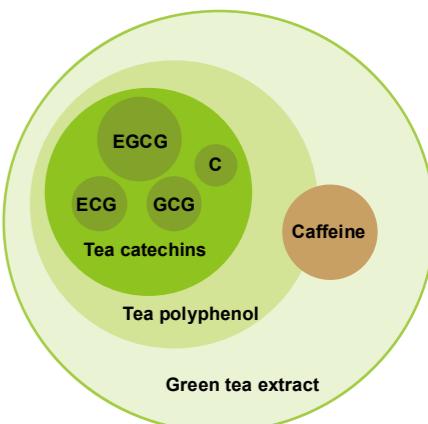
Reference

Tea polyphenol

Tea polyphenol (TP), a kind of polyphenol, mainly contains tea catechin, with concentrations of 8%-20% in the tea leaves. TP is an important chemical with health promoting benefits found in Tea.

Tea catechin

They are stronger active materials formed with catechin as the main structure combined with gallic acid group. Those of them exist in green tea are mainly (-)-epigallocatechin gallate (EGCG), (-)-epigallocatechin (EGC), (-)-epicatechin gallate (ECG), epicatechin (EC), (-)-gallocatechin gallate (GCG), and (+)-catechin ...



Yixin has GMP production lines for herbal extracts and dosage forms including tablets, capsules, granules, syrups, ointment, solution (external use), mixture(oral solution), and ointment(cream). Yixin also has GMP certificate from NSF international for dietary supplement (ingredient).

All facilities are under rigid GMP system and international regulations. All analytical chromatography instruments have been updated with audit trailing system, data integrity system has been established since 2016.

Welcome companies all over the world to contact us for contract manufacturing.

一新拥有符合GMP标准的植物提取、糖浆剂、合剂、片剂、胶囊剂、颗粒剂、软膏剂、乳膏剂和外用溶液剂等多条生产线，并获得了膳食补充剂（原料）的NSF认证。

所有的生产设施都按GMP体系和国际法规严格管理，2016年建立了数据完整性系统，分析仪器均具备审计追踪功能。

欢迎各位联系洽谈植物提取和制剂的合同加工事宜！



Herbal Medicines

中成药品种（部分）



No.	Product Name	Application
1	Beidening® Children' Cough Syrup 贝得宁牌儿童咳液	Special applicable to children cough, asthma and yellow phlegm.
2	Andaping® Strong Loquat Syrup 安达平牌强力枇杷露	Applicable to bronchitis, coughs.
3	Jiaoer® Children Appetite Syrup 娇儿牌小儿喜食糖浆	Special applicable to children indigestion, loss of appetite and diarrhea caused by indigestion.
4	Qichang® Qinglin Granules 齐畅牌清淋颗粒	Applicable to stranguria, hernia closure caused by damp-heat in the urinary bladder.
5	Xuezhyongyu® Blood Replenishing Angelica Syrup 雪中玉牌补血当归精	Applicable to dizziness, anemia, physical weakness, women's irregular menstruation, postpartum blood deficiency.

更多信息请访问 <http://www.yixinpharm.com>

Herbal Extracts

植物提取物目录

No.	Product Name	Specification	CAS No.	Test method
1	Lycoris Extract 石蒜提取物	Galantamine Hydrobromide 氢溴酸加兰他敏	1953-04-4	HPLC
		Lycorine Hydrochloride 盐酸石蒜碱	2188-68-3	
2	Usnea Extract 松萝提取物	Usnic Acid 松萝酸	7562-61-0	HPLC
		Sodium Usnic Acid 松萝酸钠	34769-44-3	
3	St. John's Wort Extract 贯叶连翘提取物	Hypericin 0.02%	84082-80-4	HPLC
		Total Hypericins 0.08%		
4	Green Tea Extract 绿茶提取物	EGCG 90%, 95%, 98%, 99%	989-51-5	HPLC
		EC 90%, 95%, 98%	490-46-0	
		ECG 98%	1257-08-5	
		EGC 98%	970-74-1	
		GCG 98%	4233-96-9	
5	(+)-Catechin 儿茶精	98%	154-23-4	HPLC
6	Gossypol Acetate 醋酸棉酚	98%	12542-36-8	HPLC
7	Marigold Extract 万寿菊提取物	Lutein 叶黄素 20% oil suspension	127-40-2	HPLC
8	Camptothecin Extract 喜树提取物	Camptothecin 喜树碱	7689-3-4	HPLC
9	Solanesol 茄尼醇	90%	13190-97-1	HPLC

Carbohydrates

糖化学产品目录

No.	Product Name	Specification	CAS Number	Test method
1	D-Galactose, plant derived 植物来源D-半乳糖	98.5%, 99%	59-23-4	HPLC
2	L-Arabinose, plant derived 植物来源L-阿拉伯糖	99%	5328-37-0	HPLC
3	D-Mannose, plant derived 植物来源D-甘露糖	99%	3458-28-4	HPLC
4	Methyl- α -D-Galactopyranoside 甲基- α -D-吡喃半乳糖苷	98%	3396-99-4	HPLC
5	β -D-Galactose Pentaacetate β -D-半乳糖五乙酸酯	98%	4163-60-4	HPLC
6	β -D-Glucose Pentaacetate β -D-葡萄糖五乙酸酯	98%	604-69-3	HPLC
7	Sucrose Octaacetate 蔗糖八乙酸酯	98%	126-14-7	HPLC