



INTEGRITY, PRAGMATIC, COOPERATION, ENTERPRISING



 **GUANJIE** BIOTECH

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China Xi'an
SHAANXI GUANJIE TECHNOLOGY CO.,LTD.

COMPANY PROFILE

Shaanxi Guanjie Technology Co., Ltd. was invested and established in 2009 by Xi'an Guanyu Bio-technology Co. Ltd., which was established in 2004. Guanjie is a Hi-tech private enterprise specializing in the extraction and separation of active ingredients from natural plants and Chinese traditional medicines to serve the nutraceutical food additives, pharmaceutical and cosmetics industries.

Guanjie head-office is located in Hi-tech Industry Development Park in Xi'an city of Shaanxi Province. Our factory and laboratory are located in Chang'an District about 18 kms away from the head-office, and about 5kms away from the Qinling Mountain which has a lot of natural herb resources.

Guanjie factory covers an area of 7000 square meters including GMP standard workshop of 2000 square meters, advanced lab of 500 square meters. The factory has complete facilities such as extraction tank, concentration tank, chromatography column vacuum oven and spray drying tower, etc.. We have 60 employees, especially 20 of them are senior or medium grade technicians, 5 of them are licensed pharmacists (Chinese traditional medicine), etc. Guanjie factory processes 3,000 tons of plants and raw materials of Chinese traditional medicines annually which are well sold to EU, USA and Australia, etc.

Our people abide by the tenets of "Come from the nature, serve human's wellbeing" and holding "Based on the talent, science and technology for first, quality for on, attach most importance to credit standing" ground of management, offer first-rate service to the greatness of clients.

We are looking forward to communicating and cooperating with friends from all over the world.

COMPANY CERTIFICATES



FACTORY EQUIPMENT



PRODUCTION

7,000m² factory with GMP production workshop and 3 production lines ensures our company's continuous supply and high quality production.

LAB TEST CENTER



Our good reputation is based on the strict quality controlling. The lab is equipped with HPLC, GC, UV, IR and NRM etc. We can complete all tests from raw materials to finished products.

PHOSPHATIDYLSERINE(PS)

Product Name: Phosphatidylserine(PS)
CAS NO.:51446-62-9
Source: Soybean & Sunflower Seed
Appearance: Light Yellow Powder or Granule; Tan to Brown Liquid
Specification: 20%~80%
Method of Analysis: HPLC-ELSD
Water-Soluble Phosphatidylserine(20%~50%): It can be used in Solid drinks, Oral Liquid etc.
High Fluidity Phosphatidylserine(20%~80%): It will be easy for Capsules and Tablets.
Phosphatidylserine oil 20%: Usually it is applied in softgel.
Granulated Phosphatidylserine(20%~80%): The highest fluidity, kindly choose this product.



Page 1/1
AR-23-SU-08954-01

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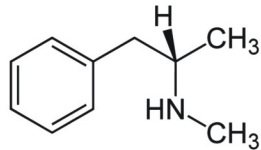
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PHOSPHATIDYLCHOLINE(PC)

Product Name: Phosphatidylcholine(PC)
CAS NO.: 8002-43-5
Source: Soybean & Sunflower Seed
Appearance: Light Yellow Powder or Wax
Specification: 20%~98%
Method of Analysis: HPLC-ELSD



PRODUCT NAME	CONTENT(PHOSP HATDYLCOLINE)	TEST METHOD FOR CONTENT	EXECUTIVE STANDARD
Soya Lecithin Powder	18%~20%	/	CP2015
Soy Lecithin Powder	30%	HPLC	CP2015
Soy Lecithin Powder	40%	HPLC	CP2015
Soya Lecithin	50%	HPLC	CP2015
Soya Lecithin	70%	HPLC	CP2015
Soya Lecithin(for injection)	70%	HPLC	CP2015
Soya Lecithin(for injection)	80%	HPLC	CP2015
Soya Lecithin(for injection)	90%	HPLC	CP2015
Soya Lecithin(for injection)	95%	HPLC	CP2015
Soya Lecithin(for injection)	98%	HPLC	CP2015
Egg Yolk Lecithin	80%	HPLC	CP2015
Egg Yolk Lecithin	98%	HPLC	CP2015
Sunflower Lecithin Powder	20%	HPLC	Enterprise Standard
Sunflower Lecithin	50%	HPLC	Enterprise Standard
Sunflower Lecithin	70%	HPLC	Enterprise Standard

Micronized Resveratrol

Product Name: Micronized Resveratrol

Botanical Source: Polygonum cuspidatum Sieb et Zucc.

Appearance: Off-white to White Powder

Method of Analysis: HPLC

Customized Type I: Micronized Resveratrol(Particles size 2-10 μ m)

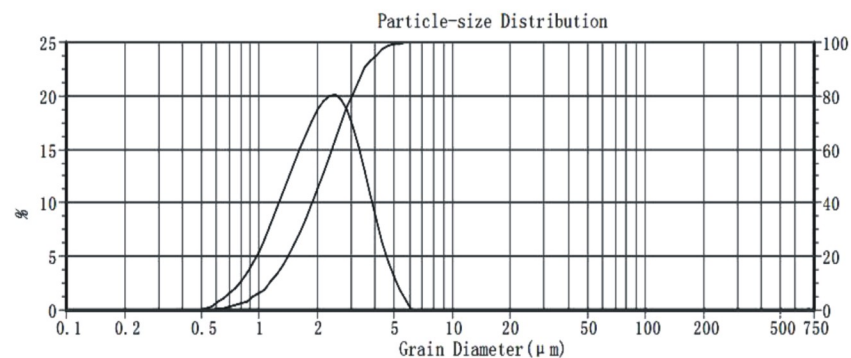
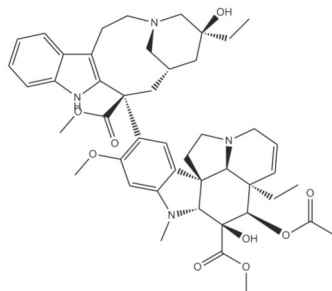
Micronized Resveratrol ----Easier to absorb

d(10%) 0.5 μ m(more than 10% particle diameter less than 0.5 μ m)

d(50%) 2.0 μ m(more than 50% particle diameter less than 2.0 μ m)

d(90%) 5.0 μ m(more than 90% particle diameter less than 5.0 μ m)

Customized Type II: Water-Soluble Resveratrol 10%



BETA-NICOTINAMIDE MONONUCLEOTIDE(NMN)

Product Name: Beta-Nicotinamide Mononucleotide(NMN)

Specification: $\geq 98\%$

CAS NO.: 1094-61-7

Appearance: Off-white to White Powder or Granule

Method of Analysis: HPLC

Nicotinamide Mononucleotide(NMN) with different bulk densities as below:

0.15g/ml (FOR SOLID DRINKS)

0.55g/ml (FOR 0#, 00# CAPSULE FILLING)

0.75g/ml (FOR 1#, 2# CAPSULE FILLING)



0.75g/ml

0.15g/ml

NICOTINAMIDE RIBOSIDE MALATE

Product Name: Nicotinamide Riboside Malate

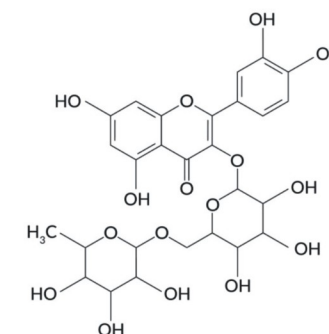
CAS NO.: 2415659-01-5

Appearance: White Or Off-White Crystalline Powder

Specification: $\geq 98\%$

Method of Analysis: HPLC

Molecular Formula: C₁₁H₁₆N₂O₅



ALPHA GPC MICRO-ENCAPSULATED POWDER

Product Name: Alpha GPC Micro-encapsulated Powder
Specification: 50%
Appearance: White Granule
Method of Analysis: HPLC



Alpha GPC has excellent water solubility and strong hygroscopicity. It can absorb moisture and turn into liquid after being exposed to the air for half an hour. It can also easily adhere to capsules and machines during the capsule filling process. We use microencapsulated powder technology to make Alpha GPC into microencapsulated powder. The maximum content can reach 50%. In this way, the hygroscopicity is poor, the fluidity is strong, and the product state is stable.

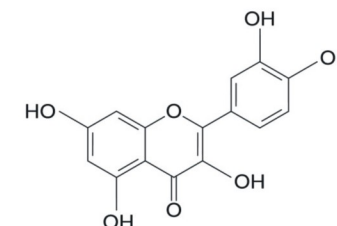
RED YEAST RICE POWDER/GRANULE

Product Name: Red Yeast Rice Powder/Granule
Botanical Source: Oryza sativa subsp. indica
Active Ingredient: Monacolin K
Appearance: Light Red to Dark Red Powder/Granule
Specification: 0.1%~5%
Method of Analysis: HPLC
Commonly Particle Size: 80-100mesh Powder Form
Customized Particle Size: 20-60mesh Granule, the good fluidity makes encapsulating and tableting easier.



INDOLE-3-CARBINOL(I3C)

Product Name: Indole-3-Carbinol(I3C)
CAS NO.: 700-06-1
Appearance: White Crystalline Powder
Specification: ≥99%
Method of Analysis: HPLC
Molecular Formula: C₉H₉NO
Ash content: <0.3%



COENZYME Q10 OIL

Product Name: Coenzyme Q10 Oil
Specification: 5%~20%
Appearance: Yellow Orange to Brown Liquid
Method of Analysis: HPLC



Shining points: Coenzyme Q10 has good oil solubility, but it is easy to crystallize and precipitate when cooled to room temperature after heating and dissolving. We use MTC oil and rapeseed oil mixing and homogenization technology to make it none or less precipitated at room temperature, and its content can reach 10-20% with good color and stable status.

BOTANICAL EXTRACT IST

PRODUCT NAME	SPECIFICATION	ASSAY METHOD
*Phosphatidylserine	20%,50%,70%,80%	HPLC-ELSD
*Phosphatidylcholine	20%,50%,70%,80%,90%,95%,98%	HPLC
*Nicotinamide Riboside	95%	HPLC
*Nicotinamide Mononucleotide	98%	HPLC
*Micronized Resveratrol	50%,98%Trans-resveratrol	HPLC
*Red Yeast Rice Extract	0.1%~5%Monacolin K	HPLC
*Indole-3-Carbinol	99%	HPLC
*3,3'-Diindolylmethane	99%	HPLC
*L- α -Glycerophosphorylcholine	50%,99%(microcapsule powder)	Titration
*Ferulic Acid	98%	HPLC
*Horse Chestnut Extract	20%,40%,60%,80%,90%Aescin	UV/HPLC
*Luteolin	98%	HPLC
*Marigold Extract	Lutein 5%~80%; Zeaxanthin 5%~60%	UV/HPLC
Acerola Cherry Extract	17%,25%Vitamin	HPLC
Apple Cider Vinegar Powder	5% ,8%Acidity	Titration
Astragalus Root Extract	1%,10%Astragaloside IV	HPLC
Astaxanthin	1%~96%	HPLC
Berberine HCL	97%	Titration
Cranberry Extract	5%,25%Procyanidine	UV
Curcumin	95%	HPLC
Cycloastragenol	98%	HPLC
Fucoxanthine	5%,10%	UV/HPLC
Ginkgo Biloba Extract	24%Flavone	HPLC
Horsetail Extract	7% Silicon	HPLC
Huperzia Serrata Extract	1%Huperzine A	HPLC
L-theanine	99%	HPLC
Lycopene	1%~10%	HPLC
Milk Thistle Extract	80%Silymarin	UV
Nettle Extract	1%Silica	HPLC
Octacosanol	60%	GC
Oxymatrine	98%	HPLC
Phytosterol	95%	GC/HPLC
Polydatin	98%	HPLC
Pterostilbene	20%~99%	HPLC
Pyrethrum Extract	25%,50%	HPLC
Raspberry Ketone	99%	GC
Soy Bean Extract	40%Isoflavones	HPLC
Tribulus Terrestris Extract	45%,90% Saponins	UV

NATURAL FRUIT AND VEGETABLE POWDERS

Banana Powder	Freeze Dried Banana Powder
Barley Grass Powder	Freeze Dried Broccoli Powder
Beet Root Powder	Freeze Dried Celery Powder
Broccoli Powder	Freeze Dried Cranberry Powder
Carrot Powder	Freeze Dried Dragon Fruit Powder
Chlorella Powder	Freeze Dried Green Pepper Powder
Coconut Powder	Freeze Dried Hami Melon Powder
Dragon Fruit Powder	Freeze Dried Mung Bean Powder
Goji Powder	Freeze Dried Pineapple Powder
Jackfruit Powder	Freeze Dried Purple Potato Powder
Kale Powder	Freeze Dried Red Bean Powder
Lemon Powder	Freeze Dried Spinach Powder
Mango Powder	Freeze Dried Tomato Powder
Matcha Powder	Freeze Dried Yellow Peach Powder
Noni Fruit Powder	Freeze Dried Apple Powder
Orange Powder	Freeze Dried Blueberry Powder
Passion Fruit Powder	Freeze Dried Lemon Powder
Pumpkin Powder	Freeze Dried Mango Powder
Sea Buckthorn Powder	Freeze Dried Orange Powder
Spirulina Powder	Freeze Dried Payaya Powder
Strawberry Powder	Freeze Dried Raspberry Powder
Wheat Grass Powder	Freeze Dried Strawberry Powder