



SINCE 2004

Sanyuan Jinrui Natural
Ingredients Co.,Ltd.

Better Ingredients, Better for Your Life



MILK THISTLE EXTRACT

JRG0029-S

Silybum marianum (L.) Gaertn., commonly known as milk thistle, is an annual or biennial herb of the Asteraceae family, native to Mediterranean regions and cultivated in temperate areas globally. It typically grows in dry, sunny environments at elevations up to 1,500 meters. The plant forms a basal rosette of oblong-lanceolate leaves, 15-40 cm long and 8-15 cm wide. Leaves are glossy dark green with prominent white veins and sharp, spiny margins, featuring a smooth, slightly leathery texture.

Milk Thistle Extract

Your reliable supplier!



Milk thistle, a medicinally valued plant, is rich in protective phytochemicals. Its hard-coated seeds, ranging from dark brown to black, contain a concentrated matrix of bioactive compounds. Milk thistle extract features silymarin complexes, including silybin, silydianin, and silychristin. These effectively protect liver cells, combat oxidative stress, stimulate detoxification, and support healthy cholesterol and blood sugar levels.

Milk thistle extract contains silymarin complexes, silybin, silydianin, and silychristin. These effectively neutralize liver toxins, enhance antioxidant defenses, stimulate hepatocyte regeneration, and improve metabolic balance. It stabilizes cell membranes to combat liver damage, supports bile production for detoxification, and modulates lipid metabolism to maintain healthy cholesterol and blood sugar levels.

SPECIFICATION:

No.	Active Ingredients
JRG0029-S	Silymarin $\geq 80.0\%$
	Silybins $\geq 30.0\%$

FUNCTION:

- Protect the liver
- Antioxidation
- Anti-inflammation
- Strengthening of the skin barrier

APPLICATION:

Medicine. Health care products. Cosmetics.

YOUR RELIABLE SUPPLIER!

Cultivated in pristine Mediterranean highlands, JGR's milk thistle thrives under natural sunlight. By sourcing from traditional herb-growing regions, we preserve the plant's intrinsic phytochemical integrity, rigorously excluding pesticides and heavy metals. This guarantees a silymarin-rich extract, unaltered and potent, delivering nature's authentic liver-protective power.

[illegible]

PAH4 Test Result of Milk Thistle Extract

		Results	Unit	LOQ	LOD
★ VV6CX	PAHs Method: GB 5009.265-2021 1st method				
	Benz(a)anthracene	<1	µg/kg	1	0.3
	Benzo(a)pyrene	<1	µg/kg	1	0.3
	Benzo(b)fluoranthene	<1	µg/kg	1	0.3
	Chrysene	1.3	µg/kg	1	0.3
	Sum PAH 4	1.3	µg/kg		



Analytical Report

Sample Code: **502-2023-001545-01** Report Date: **10 May 2023**

Confirm No: **EN-23-01-000000-02**

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AR-2023-01-000000-02



Customer: **SHANGHAI CHINA TRADING CO., LTD.**

Plant: **Shanghai Free Trade Zone**

Shanghai Free Trade Zone

Shanghai, Shanghai, China

Report Name: **502-2023-001545-01**

Report Code: **EN-23-01-000000-02**

Report Date: **10 May 2023**

Report Time: **10:00:00**

Item	Reference	Material Name	Unit	Value	Unit
1	502-2023-001545-01	502-2023-001545-01	kg	100.00	100.00
2	502-2023-001545-01	502-2023-001545-01	kg	100.00	100.00
3	502-2023-001545-01	502-2023-001545-01	kg	100.00	100.00
4	502-2023-001545-01	502-2023-001545-01	kg	100.00	100.00

Report Name: **502-2023-001545-01**

Report Code: **EN-23-01-000000-02**

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ETO Test Result of Milk Thistle Extract

	Results	Unit	LOQ	LOD
* VV688 Ethylene oxide. Method: Internal method				
2-chloro-ethanol (expr. as ethylene oxide)	<LOQ	mg/kg	0.01	
Ethylene Oxide (free)	<LOQ	mg/kg	0.01	
Ethylene oxide (sum of ethylene oxide and 2-chloro-ethanol expressed as ethylene oxide)	<LOQ	mg/kg	0.01	

[illegible]

Heavy Metals & Microbiology Test Result of Milk Thistle Extract

		Results	Unit	LOQ	LOD
★ Y359L	Arsenic (As) Method: BS EN ISO 17294-2	2016 mod.			
	Arsenic (As)	Not Detected	mg/kg	0.005	0.002
★ Y359M	Lead (Pb) Method: BS EN ISO 17294-2	2016 mod.			
	Lead (Pb)	Not Detected	mg/kg	0.05	0.02
★ Y359N	Cadmium (Cd) Method: BS EN ISO 17294-2	2016 mod.			
	Cadmium (Cd)	Not Detected	mg/kg	0.005	0.002
★ Y359G	Mercury Method: BS EN ISO 17294-2	2016 mod.			
	Mercury	Not Detected	mg/kg	0.003	0.001
★ Y321L	Heavy metals (in Pb) Method: GB 6009.74	2014			
	Heavy metals (as Lead)	<5	mg/kg		
★ Y330P	Moulds and Yeasts Method: ISO 21627-2	2008			
	Moulds	<100	cfu/g		
	Yeasts	<100	cfu/g		
★ Y330L	Salmonella Method: ISO 6579-1:2017				
	Salmonella	Not Detected	/25 g		
★ Y330S	Staphylococcus aureus Method: GS 4789	0-2016 First Method			
	Staphylococcus aureus	Not Detected	/25 g		
★ Y331J	Escherichia coli Method: ISO 16649-2:2001				
	Escherichia Coli	<10	cfu/g		
★ Y331K	Total plate count Method: ISO 4833-1:2013				
	Total plate count	860	cfu/g		
★ Y331S	Enterobacteriaceae Method: ISO 21628-2:2017				
	Enterobacteriaceae	<10	cfu/g		

Milk Thistle Extract

Your reliable supplier!

CERTIFICATES



ALL THE INGREDIENTS ARE NATURAL AND APPROVED
BY ISO, KOSHER, HALAL, SC, HACCP APPROVED, AND FDA REGISTERED.

EXCELLENT QUALITY

PLENTIFUL STOCKS

24-HOUR SERVICE



ABOUT US



Sanyuan Jinrui Natural Ingredients is a leading GMP-compliant manufacturer specializing in the production and research of botanical extracts, as well as a full range of fruit, vegetable and plant powders. Since 2004, we have been certified by CIQ, HACCP, ISO 9001:2015, ISO 22000, Star-K KOSHER, and MUI HALAL in China. All our products comply with EP, USP and CP standards, covering parameters such as ETO, PA, PAH and pesticide residues, etc. Our production site covers 26,000 square meters, providing one-stop services including over 100 types of extracts and powders, as well as OEM and ODM solutions for customers in the food, food additives, nutraceuticals, beverage, personal care, pharmaceutical and feed industries, etc.



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