



SINCE 2004

Sanyuan Jinrui Natural
Ingredients Co.,Ltd.

Better Ingredients, Better for Your Life



APPLE EXTRACT

JRG0053-S

Apple (*Malus pumila* Mill.), a deciduous tree in the Rosaceae family, has a tall stem, short and thick branchlets, and is cylindrical; the leaves are oval, with a smooth surface, serrated edges, and thick petioles; the flowers are small and umbrella-shaped, light pink, with fuzz on the surface; the fruit is larger, oblate and spherical, with short and thick pedicel; the flowering period is in May; the fruiting period is in July to October.

SANYUAN JINRUI NATURAL INGREDIENTS CO., LTD.

APPLE EXTRACT

Your reliable supplier!

* Comply with EP and USP standards!

APPLICATION:

Medicine, health care product and cosmetics

SPECIFICATION:

No.	Active Ingredients
JRG0053-S	Phlorizin $\geq 40.0\%$
	Phloretin $\geq 40.0\%$
	Polyphenols $\geq 40.0\%$

FUNCTION:

- Anti-oxidation
- Antibacterial
- Keep fresh
- Whitening
- Prevent high blood pressure
- Reduce cholesterol

Phloridzin is extracted from apples, apple tree bark and leaves, etc. It is a phenolic substance in the apple tree. Phloridzin is a glycoside composed of phloretin and glycosides combined as glucosides. Its degradation product phlorizol can effectively inhibit microbial activity.

Apple polyphenols is the general name for polyphenols contained in apples. Polyphenols are widely found in fruits and vegetables. The polyphenols content of apples varies with maturity. The polyphenols content of unripe fruits is 10 times that of mature fruits, it is better to use unripe fruits to extract apple polyphenols. Crude apple polyphenols contain chlorogenic acid, catechin, epicatechin, apple condensed tannins, phloridzin, phloretin, anthocyanins, etc.

YOUR RELIABLE SUPPLIER!

JGR's apples raw materials come from our hometown, Shaanxi Province, which produces the best quality apples in the world. Apple is a specialty product of Shaanxi Province and a national geographical indication product of China. Shaanxi is recognized by the Food and Agriculture Organization of the United Nations as the best eugenic area for apples in the world. It is the largest concentrated and contiguous apple planting area in the world. Its output accounts for nearly one-third of our country and one-seventh of the world's. The superior natural conditions make Shaanxi's apples' hardness, fruit shape index, soluble solids, anthocyanins, and fructose top-notch.



PAH4 Test Result of Apple Extract

ETO Test Result of Apple Extract

Heavy Metal & Microbiology Test Result of Apple Extract

			Results	Unit	LOQ	LOD
★ Y369L	Arsenic (As)	Method: BS EN ISO 17294-2:2016 mod.				
	Arsenic (As)		Not Detected	mg/kg	0.006	0.002
★ Y369M	Lead (Pb)	Method: BS EN ISO 17294-2:2016 mod.				
	Lead (Pb)		1.09	mg/kg	0.06	0.02
★ Y369N	Cadmium (Cd)	Method: BS EN ISO 17294-2:2016 mod.				
	Cadmium (Cd)		0.00841	mg/kg	0.006	0.002
★ Y369Q	Mercury	Method: BS EN ISO 17294-2:2016 mod.				
	Mercury		0.00489	mg/kg	0.003	0.001
★ Y321L	Heavy metals (in Pb)	Method: GB 6009.74:2014				
	Heavy metals (as Lead)		<5	mg/kg		
★ Y3J0P	Moulds and Yeasts	Method: ISO 21627-2:2008				
	Moulds		<100	cfu/g		
	Yeasts		<100	cfu/g		
★ Y3L08	Salmonella	Method: ISO 6579-1:2017				
	Salmonella		Not Detected	/26 g		
★ Y3L0S	Staphylococcus aureus	Method: GB 4789.10:2016 First Method				
	Staphylococcus aureus		Not Detected	/26 g		
★ Y3L1J	Escherichia coli	Method: ISO 16649-2:2001				
	Escherichia Coli		<10	cfu/g		
★ Y3L1K	Total plate count	Method: ISO 4833-1:2013				
	Total plate count		15	cfu/g		
★ Y3L1S	Enterobacteriaceae	Method: ISO 21628-2:2017				
	Enterobacteriaceae		<10	cfu/g		

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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 standard manufacturer specializing in the production & research of botanical extracts as well as all series of fruit, vegetable and plant powders are certified by CIQ, HACCP, ISO9001:2015, ISO 22000, Star-K KOSHER, and MUI HALAL in China since 2004. All of our products comply with the EP, USP, and CP standards, which includes parameters like ETO, PA, PAH, and pesticides residues, etc. The site covers 26,000 square meters which can provide one-stop services like 100+ extracts, powders, OEM, and ODM for our customers in the food, food additives, nutraceuticals, beverage, personal care, pharmaceutical, and feed industries, etc.



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