

H₂O₂

Whitening Products

From Ingredients4u

CONTENT

01

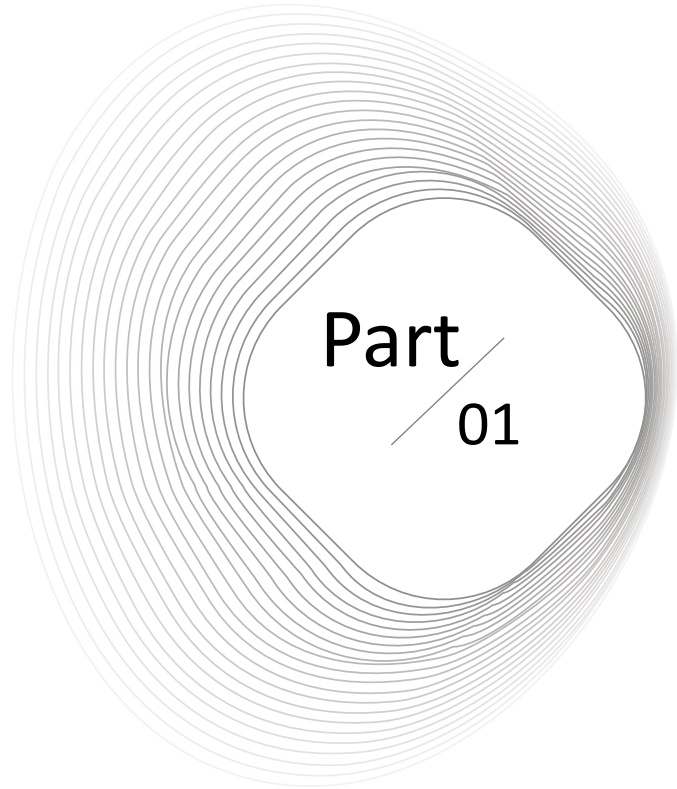
Products

02

Solution

03

European Standard



Products

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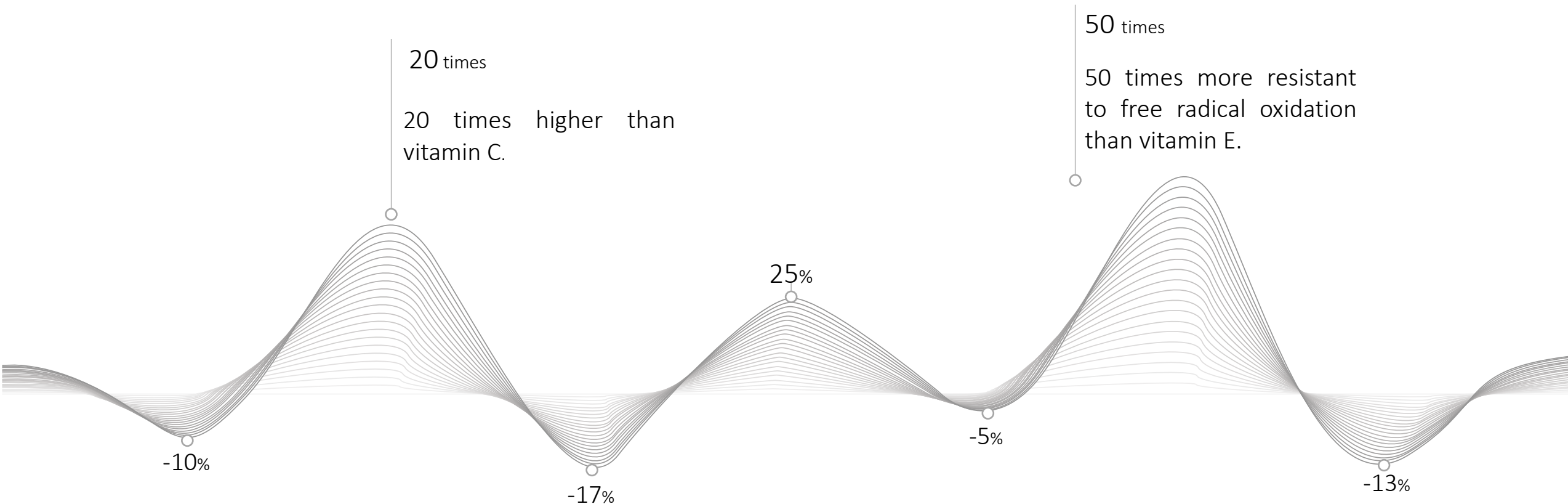
ABOUTUS

Whitening most products use antioxidant principles, and we do a little bit of anti-oxidation at this point where we give prominence to comprehensive antioxidant activities that are targeted at eliminating free radicals, in addition to whitening, there are more health benefits.



Grape seed extract

Grape seed extract (procyanidin OPC) has very strong activity in vivo. The experimental results show that OPC is 50 times more resistant to free radical oxidation than vitamin E and 20 times higher than vitamin C.



Grape seed extract_(95%)

CERTIFICATE OF ANALYSIS

样品名称 Name of Product	Grape Seed Extract	批号 Batch NO.	C3-0750-181102
属拉丁名称 Botanical Latin Name	Vitis Vinifera L.	生产日期 Manufacture Date	2018-11-02
载体 Carrier	None	有效期 Expiry Date	2020-11-01
原料来源 Plant Part	Seed	原产国 County of Original	China
使用溶剂 Solvent Used	Ethyl Alcohol	灭菌方式 Sterilization Method	NO-IR&GMO free
检测项目 Test Item	标准要求 Specification	检验结果 Test Result	检验方法 Test Methods
外观 Appearance	Reddish-brown Powder	Conforms	Visual
原花青素含量 Procyanidine Content	≥95	112.6	UV
乙醇 Ethyl Alcohol	≤5000ppm	1954.8	GC-ECD
干燥失重 Loss On Drying	≤5%	1.89	5g/105°C/2hrs
灼烧残渣 Residue on Ignition	≤2%	1.17	3g/550°C/4hrs
堆积密度 Bulk Density		0.5	

Benzo (a) pyrene)		<10	
粒度 Particle size	≥98% pass 80 mesh	100	Screen
重金属 Heavy Metals	≤10mg/kg	<10	Atomic Absorption
铅 Lead	≤1mg/kg	0.002	Atomic Absorption
砷 Arsenic	≤1mg/kg	0.004	Atomic Absorption
汞 Mercury	≤1mg/kg	<0.1	Atomic Absorption
镉 Cadmium	≤1mg/kg	0.05	Atomic Absorption
菌落总数 Total Plate Count	≤1000cfu/g	<10	AOAC
酵母&霉菌 Total Yeast&Mold	≤100cfu/g	<10	AOAC
大肠菌群 Coli Group	≤3MPN/g	<0.3	AOAC
沙门氏菌 Salmonella	Negative	Conforms	AOAC
金黄色葡萄球菌 Staphylococcus	Negative	Conforms	AOAC

Resveratrol

Antioxidative, Anti-aging, Inhibition of free radicals
Natural polyphenols,



It can protect skin cells from the damage of ultraviolet rays and prevent the decomposition of membrane lipids by ultraviolet rays



It can effectively enhance skin elasticity and moisturize, with anti-aging effect of wrinkle

Resveratrol (98% & 50%)



Latin Name:	<i>Polygonum cuspidatum Sieb. et Zucc</i>
Part of Plant Used:	Root & Stem
Product Code:	PCEE
ITEM	SPECIFICATION
Description:	
Color	White powder
Flavor & Odor	Characteristic
Particle size	100% pass through 80 mesh sieve
Extract Solvents	Ethanol & Water
Physical:	
Loss on Drying(5h at 105°C)	<5.0%
Ash (3h at 600°C)	<5.0%
Chemical:	
Heavy metals	<10ppm
Lead	<3ppm
Arsenic	<2ppm
Cadmium	≤1ppm
Mercury	≤0.1ppm
Assay	Resveratrol (HPLC) >98%
	Emodin ≤0.1%
Microbial:	
Total microbacterial count	<1000/g
Yeast & Mold	<100/g
E.Coli	Negative
Salmonella	Negative



Product: Resveratrol 98%

Enterprise Standard

Product code: AC03041

Items	Specifications	Testing Method
Appearance	Light Brown Powder	Visual
Latin Name	Polygonum cuspidatum Sieb.et Zucc.	—
Part Used	Root	—
Resveratrol	≥50.0%	HPLC
Odor&Taste	Characteristic	Sensory
Loss on drying	≤5.0%	2g/105°C/5hrs
Ash	≤5.0%	2g/600°C/5hrs
Particle size	98% pass 80 mesh	Sieve
Heavy metals	≤10ppm	Colorimetric method
Arsenic	≤2ppm	Atomic Absorption
Mercury	≤0.1ppm	Atomic Absorption
Cadmium	≤1ppm	Atomic Absorption
Lead	≤2ppm	Atomic Absorption
Solvent Residual	≤5000ppm	Gas Chromatography
Total plate count	≤10,000CFU/g	CP2010
Yeast & Mold	≤1,000CFU/g	CP2010
E. coli	Negative	CP2010
Salmonella	Negative	CP2010
GMO/BSE/TSE/Irradiation Status	GMO Free/ BSE Free/ TSE Free/ Non Irradiation	
Shelf life	3 years when properly stored.	

Quercetin--Natural flavonoids

Quercetin reduces inflammation by removing free radicals. Quercetin protects cells from oxidative stress. Moreover, quercetin apparently protects smoking damaged cells from the free radicals produced by smoking.



Capers



Dill weed

Quercetin content was the highest in...

Fennel leaf



Buckwheat and
bee pollen

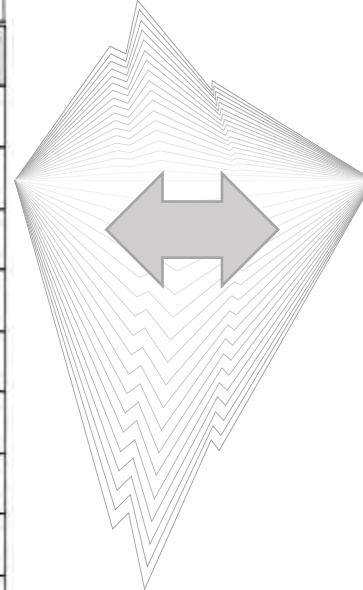


Quercetin—(95%)

YAAN TIMES BIOTECH CO., LTD

Certificate of Analysis

Product Name	SOPHORA JAPONICA EXTRACT	Batch number	QD180509
Botanical Name	<i>Sophora japonica L</i>	Country of origin	China
Part Used	Flos Sophorae bud	Manufacture date	2018-05-24
Batch quantity	1000kg	Expiration Date	2021-05-23
Analysis	Specification	Results	Method
Assay (Quercetin)	≥98.0%	98.2%	UV
	≥95.0%	95.3%	HPLC
Appearance	Yellow Powder	Complies	Visual
Odor	Characteristic	Complies	Organoleptic
Taste	Characteristic	Complies	Organoleptic
Sieve Size	90% pass 80mesh	Complies	Complies
Loss on drying	≤12.0%	10.3%	CP2015
Sulphated ashes	≤0.20%	0.02%	CP2015
SUM PAH4	NMT 50ppb	Complies	GC-MS
Benz(a)pyrene	NMT 10ppb	Complies	GC-MS



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Heavy Metals			
Total	≤10ppm	Complies	CP2015
Pb	≤2.0ppm	0.52ppm	ICP-MS
As	≤2.0ppm	0.46ppm	ICP-MS
Cd	≤2.0ppm	0.08ppm	ICP-MS
Hg	≤0.1ppm	0.06ppm	AAS
Microbiological Control			
Total Plate Count	NMT1000cfu/g	Complies	CP2015
Yeast & Mold	NMT100cfu/g	Complies	CP2015
E.Coli	Negative	Complies	CP2015
Packing and Storage			
Packing	25kgs/drum. Packing in paper-drums and two plastic-bags inside.		
Storage	Store in a well-closed container away from moisture, sun light, or heat.		
Shelf Life	2 years.		

Rhodiola rosea

Antioxidative ,

Inhibits tyrosinase activity, prevents melanin from forming pigmentation and spots.



anti-wrinkle, anti-aging

Radio-resistance



Rhodiola rosea application on whitening

Sun-resistant



Long-Lasting Hydrating



Rhodiola rosea—(3% Rosavins,1% Salidroside)



红景天提取物规格书

Rhodiola Rosea Extract Specification

Product Name	Rhodiola Rosea Extract	
Botanical Source	<i>Rhodiola Rosea</i> L.	
Plant Part Used	Root	
Active Ingredient	Rosavins、 Salidroside	
Extract Solvent	Water & Ethanol	
Shelf Life	Two Years	
Packing Size	Pack in paper-drums. Net Weight: 25kg/drum.	
Storage	Store in a well-closed container and keep away from heat and moisture.	
Test Items	Specifications	Method
Appearance & Aroma	Fine Brown Powder with Special Smell	Organoleptic
Particle Size	100% through 80 mesh	Sieve analysis
Loss on Drying	NMT 5.0%	CP2015
Ash Content	NMT 5.0%	CP2015
Rosavins	NLT 3%	TSTP-2-002

Rosavins	NLT 3%	TSTP-2-002
Salidroside	NLT 1%	TSTP-2-002
Total Heavy Metals	NMT 10mg/kg	CP2015
*Lead (Pb)	NMT 1mg/kg	BS EN ISO 17294-2: 2004
*Arsenic (As)	NMT 1mg/kg	BS EN ISO 17294-2: 2004
*Mercury (Hg)	NMT 0.3mg/kg	BS EN ISO 13806: 2004
*Cadmium (Cd)	NMT 0.3mg/kg	BS EN ISO 17294-2: 2004
Solvent Residue	Ethanol NMT 5000mg/kg	CP2015
Microorganism Limitations		
Total Plate Count	NMT 1,000CFU/g	GB 4789.2-2016
Yeast & Mold	NMT 100CFU/g	GB 4789.15-2016
E.Coli	Negative	GB 4789.38-2012
* Salmonella	Negative	GB 4789.4-2016
* Shigella	Negative	GB 4789.5-2016

Soy Isoflavone



STEP 01

Delay female aging

To reduce the degree of skin aging induced by ultraviolet irradiation.

STEP 02

Antioxygenation

It has strong antioxidant effect and stable property. It can not only scavenge free radicals, but also improve the activity of antioxidant enzymes in the body

STEP 03

Estrogen-like effect

It promotes the synthesis of collagen and hyaluronic acid, making the skin delicate, white, elastic and shiny

Soybean Isoflavones (40%)



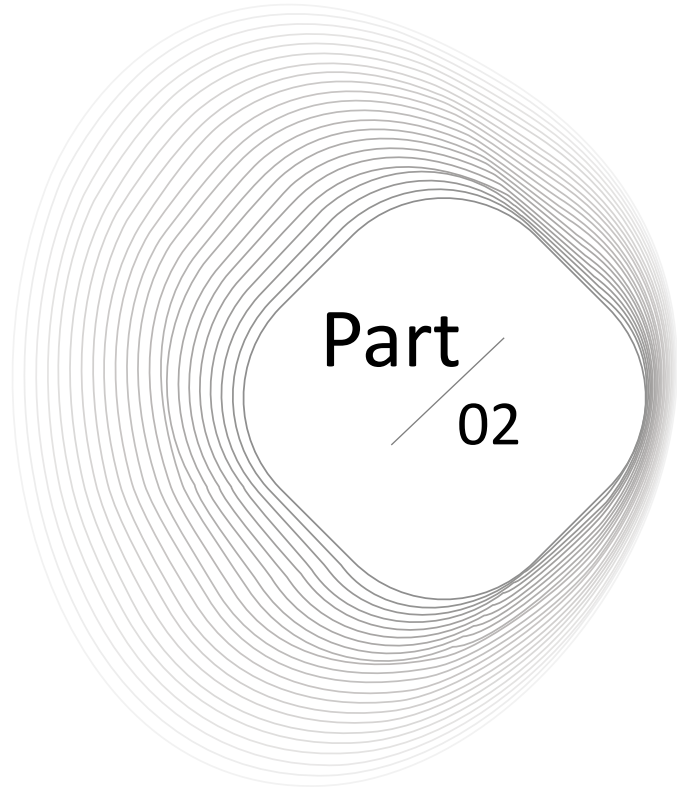
SPECIFICATION

Product: Soybean Isoflavones 40%

CP2015

Product code: AC03291

Items	Specifications	Testing Method
Appearance	Light yellow fine powder	Visual
Taste & odor	Characteristic	Organoleptic
Botanical name	<i>Glycine max(L.) Merr.</i>	-
Plant part	Soybean germ	-
Excipient	None	-
Solvent used	Ethanol & water	-
Particle size	100% through 80 mesh	CP2015
Bulk density	0.3g/ml-0.5g/ml	CP2015
Total Isoflavones	>40.0%	HPLC
Daidzin	Testing report	HPLC
Daidzein	Testing report	HPLC
Glycitin	Testing report	HPLC
Glycitein	Testing report	HPLC
Genistin	Testing report	HPLC
Genistein	Testing report	HPLC
Loss on drying	≤5.0%	CP2015
Sum of PAH4	≤50ppb	GC-MS
Benzo(a)pyrene	≤10ppb	GC-MS
Solvent residue	Ethanol<5000ppm	GC-MS
Heavy metals	≤8.0ppm	ICP-MASS
Lead	≤1.0ppm	ICP-MASS
Arsenic	≤1.0ppm	ICP-MASS
Cadmium	≤0.1ppm	ICP-MASS
Mercury	≤0.1ppm	ICP-MASS
Total plate count	≤1000CFU/g	CP2015
Mould & Yeast	≤100CFU/g	CP2015
E. coli	Negative	CP2015
Salmonella	Negative	CP2015
Staphylococcus	Negative	CP2015



Part / 02

Solution

Cerepron



**Grape seed
extract**



Whitening & Moisturizing

Combined oxidation resistance

Ceramide



Pomegranate



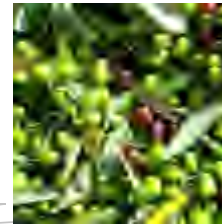
Whitening ○ Anti-glycation

Black Ginger

1



2 Olive



Sea-buckthorn

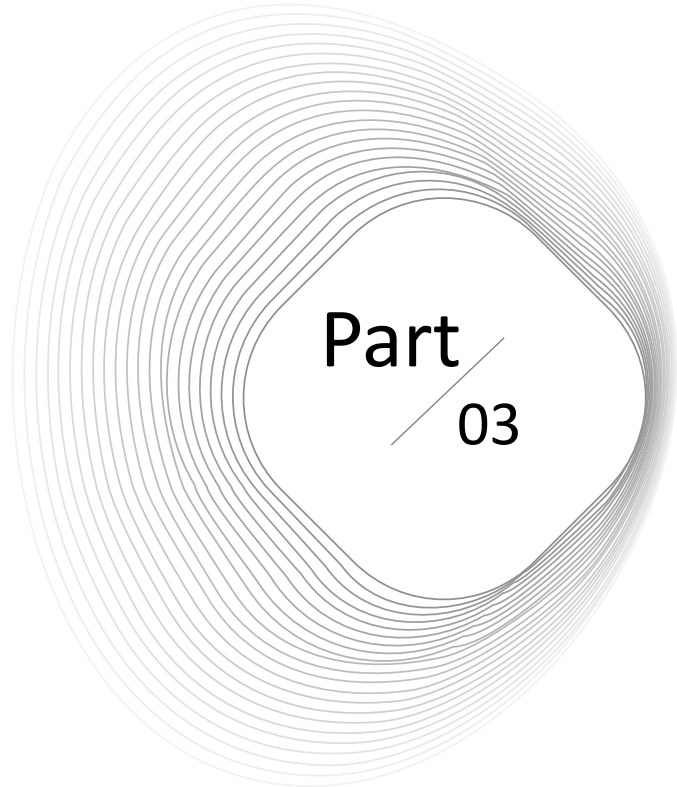
4



3

White tomato





Part
/ 03

Herb Extract for EU market

- Specs
- Tested methods
- Application

Before offer we need to know

1

To know the content for active ingredient

- 1%---100%
- Extract Ratio (ex:10:1...)

2

To know which part for the extract

- Leaf
- Root
- Fruit .

3

To know which standard

- EP
- USP
- Food grade
- Pharmaceutical grade
- .

Before offer we need to know

4

To know which method

- HPLC
- UV
- GC
- TLC

5

To know what special request

- Bulk / Tapped density
- Mesh size
- Residual solvent
- Sulphated ash
- Heavy metal & Microbiology
- PAH

6

To know application

- Tablets
- Beverages /flavor
- Emulsion



THANKS

For more information, welcome to www.ingredients4u.com

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