

PRODUCTS SPECIFICATION

1. 丹皮酚 Paeonol CAS: 551-41-0

Applied in health product field, because of its anti-inflammatory, anti-allergic, antiviral and other effects have been widely used in health products.

Applied in pharmaceutical field, with better treatment and care on muscle pain, skin itching, psoriasis and eczema.

Applied in cosmetic field, paeonol can inhibit free radicals, to restore the faded pigment deposition in the skin.

Applied in tooth paste to relieve the pain and subdue the inflammation.

项目 (Project)	标准 (Standard)	结果 (Result)
性状	白色或微黄色结晶性粉末	符合规定
Character	White or light yellow crystal powder	Passed
鉴别		符合规定
Identification		Passed
熔点	48~51℃	49.2~
49.6℃		
Melting point		
溶液澄清度与颜色	溶液应澄清、无色	符合规定
Clarity and color of solution	clear and non color solution	Passed
氯化物	≤0.01%	符合规定
Chloride	Not more than 0.01%	Passed
硫酸盐	≤0.03%	符合规定
Sulphate	Not more than 0.03%	Passed
干燥失重	≤1.0%	0.2%
Loss on drying	Not more than 1.0%	
灼烧残渣	≤0.1%	0.04%
Residue on ignition	Not more than 0.1%	
重金属	≤10PPM	符合规定
Heavy metals	Not more than 10PPM	Passed
有关杂质	≤1.0%	
Related substances	Not more than 1.0%	0.02%
含量	98.0~103.0%	99.7%
Contents		

Packing in 25kg paper drums

2. 熊果苷 Arbutin Beta CAS: 497-76-7

Arbutin inhibits the formation of melanin pigment by inhibiting Tyrosinase activity.

Arbutin is a skin whitening agent which is very popular in most of countries for skin de-pigmentation.

Arbutin is one of the safest and most efficient whitening materials that are popular at present.

项目 (Project)	标准 (Standard)	结果 (Result)
性状	类白色粉末	符合规定
Character	off-white powder	Passed
鉴别		符合规定
Identification		Passed
熔点	199~201℃	200.2~200.6℃
Melting point		
溶液澄清度与颜色	溶液应澄清、无色	符合规定
Clarity and colour of solution		Passed
氯化物	≤0.01%	符合规定
Chloride	Not more than 0.01%	Passed
硫酸盐	≤0.03%	符合规定
Sulphate	Not more than 0.03%	Passed
干燥失重	≤1.0%	0.2%
Loss on drying	Not more than 1.0%	
灼烧残渣	≤0.1%	0.04%
Residue on ignition	Not more than 0.1%	
重金属	≤10PPM	符合规定
Heavy metals	Not more than 10PPM	Passed
有关杂质	≤1.0%	
Related substances	Not more than 1.0%	0.02%
含量	98.0~103.0%	99.7%
Contents		

Packing in 25kg paper drums

3. L-乳酸薄荷酯 (L-Menthyl lactate) CAS: 61597-98-6

It is a kind of derivatives of mint. It is the best substitute of mint. It has the characters of long-term, tasteless and no stimulation, widely used in cosmetics, skin care products, washing supplies, tobacco, foods and beverage, Candy industry, mint water and pharmaceutical products. The products solves the problem that cool products can only use the mint flavor. This product can be also used together with other flavors in one cool product. This makes the finished cool products suitable for different market concept.

- Cool effect, Soft, Configurable long-acting fresh products.
- Do not stimulate the skin. No irritation to skin and mucous membrane. It is suitable for sensitive skin.
- Do not cover up the flavor. Almost tasteless, Can choose any flavor suitable for your market.
- Easy compatibility. Can be used with any material combination. And does not affect other properties of the product.
- Used in tooth paste products as flavors.

项目 (Project)	标准 (Standard)	结果 (Result)
外观	白色絮状结晶或结晶性粉末	符合规定
Appearance	White crystal powder	Passed
熔点	43~47℃	44.5~44.7℃
Melting point		
比旋光度 (C=5 ,EtOH 20℃)	-80°~-83°	-81.9°
The specific rotation		
干燥失重	≤0.5%	0.13%
Loss on drying	Not more than 0.5%	
灼烧残渣	≤0.1%	0.02%
Residue on ignition	Not more than 0.1%	
重金属	≤10PPM	符合规定
Heavy metals	Not more than 10PPM	Passed
薄荷脑残留	≤500PPM	符合规定
Menthol residue	Not more than 500PPM	Passed
其他总杂	≤0.5%	
Other general complex	Not more than 0.5%	0.4%
含量(GC)	≥99%	99.6%
Contents		

Packing in 25kg drums

4. 乙酸薄荷酯 (menthyl acetate) CAS:89-48-5

Well used in tooth paste to make flavors of mint, fruit and fruit paste etc., widely used in food industries. It can be also used in making flower flavors such as rose etc.. The product can be also used in cosmetic, toilet water as well as in soap products.

项目 (Project)	标准 (Standard)	结果 (Result)
外观 Appearance	无色透明液体 Colorless transparent liquid	符合规定 Passed
沸点 Boiling point	228.0-229.0°C(lit.)	228.2-229.0°C
重金属 定 Heavy metals	≤10PPM Not more than 10PPM	符合规 Passed
薄荷脑残留 Menthol residue	≤0.1% Not more than 0.1%	符合规定 Passed
其他单杂 Other single impurity	≤0.1% Not more than 0.1%	0.1%
含量(GC) Contents	≥99.0%	99.5%

Packing in 25kg or 180kg plastic drums.

5. 莫诺苯宗 4-(Benzyloxy)phenol CAS: 103-16-2

Used in cosmetic for skin whitening. It can also be used in pharmaceutical on treating vitiligo.

项目 (Project)	标准 (Standard)	结果 (Result)
外观 Appearance	白色或浅灰色结晶性粉末	符合规定 Passed
熔点 Melting point	117.0~122.0℃	120.3~121.4℃
干燥失重 Loss on drying	≤1.0% Not more than 1.0%	0.1%
灼烧残渣 Residue on ignition	≤0.5% Not more than 0.5%	0.16%
有关杂质 (Related impurities)		
未知杂质 Unspecified impurities	≤0.50% Not more than 0.50%	0.17%
杂质总和 Total	≤1.0% Not more than 1.0%	0.4%
含量 Contents	≥99.0% Not less than 99.0%	99.6 %

Packing in 25kg drums

6. 阿魏酸乙酯 ethyl 4-hydroxy-3-methoxycinnamate CAS: 4046-02-0

In cosmetic, the product can play the role of aerobics and protect the skin. In pharmaceutical products, it is the raw material on production for the treatment of cardiovascular and cerebrovascular diseases and leukopenia and other medicines such as Limai capsule, oral liquid and so on . It can inhibit thrombosis, regulate immune function, and inhibition of oxygen free radical scavenging effect for cardio cerebral vascular diseases API; antioxidant, scavenging oxygen free radicals, play the role of beauty. The experiment shows that in recent years, sodium ferulate has the effects of prevention and treatment of cardiovascular and cerebrovascular diseases, but also can effectively antagonize the variety of chemical liver injury, and on liver ischemia reperfusion injury and has protective effect on immune hepatic injury.

项目 (Project)	标准 (Standard)	结果 (Result)
外观 Appearance	本品为白色或类白色结晶性粉末 White or crystal powder	符合规定 complied
熔点 Melting point	53.0~58.0℃	54.5~56.3℃
水分 Water	≤8.0 Not more than 8.0%	7.5%
灼烧残渣 Residue on ignition	≤0.1% Not more than 0.1%	0.03 %
重金属 Heavy metals	≤10PPM Not more than 10PPM	符合规定 Passed
有关杂质 (Related impurities)		
未知单杂 The unknown single impurity	≤0.50% Not more than 0.50%	0.3%
杂质总和 Total impurity	≤1.0% Not more than 1.0%	0.4%
含量 Contents	≥99.0% Not less than 99.0%	99.6%

Packing in 25kg drums

7. 氯苯甘醚 (Chlorphenesin) CAS: 104-29-0

项目 (Project)	标准 (Standard)	结果 (Result)
性状 Appearance	白色或类白色结晶性 White or crystal powder	符合规定 Passed
鉴别 Identification	最大吸收为 280nm	符合规定 Passed
熔点 Melting rangs	78~81C	80.2~80.6C
干燥失重 Loss on drying	≤1.0% Not more than 1.0%	0.2%
灼烧残渣 Residue on ignition	≤0.1% Not more than 0.1%	0.05%
重金属 Heavy metals	≤10PPM Not mor than 10PPM	符合规定 Passed
溶剂残留 Residual Solvents(Methanol)	≤0.05% Not more than 0.05%	符合规定 Passed
对氯苯酚 P-Chlorophenol	≤30PPM Not mor than 30PPM	符合规定 Passed
含量 Contents	≥99.0% Not less than 99.0%	99.9%

Packing in 25kg drums