Bilberry extract



一. Basic Information：

1. Product Name：Bilberry extract anthocyanin 25%
2. Other Name: blue berry extract
3. Source: Vaccinium myrtillus L. improt from Europe
   Vaccininm ulingosum L. from China

4.Appearance：deep purple powder

5.Specification：anthocyanin 25% CP / EP

6.CAS #：

7. Solubility:





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二. Detailed information:



1. What is anthocyanin?

Anthocyanins are a very large group of red-blue plant pigments. Anthocyanins occur in all higher plants, mostly in flowers and fruits but also in leaves, stems, and roots. In these parts they are found predominantly in outer cell layers. The amounts are relatively large: one kilogram of blackberry for example contains approximately 1.15 gram.

The colour of anthocyanins depends on the structure, but also on the acidity of the fruit. Many antocyanins are red at acidic conditions and turn blue at less acid conditions. Chemically anthocyanins are subdivided into the sugar-free anthocyanidine aglycons and the anthocyanin glycosides. They are used as food additive.

2. Application & Function：

2.1 . Food pigment: Anthocyanins are water soluble strong colours and have been used to colour food since historical times. Extracts of berries have been used to colour drinks, pastries and other foods. There are, however, some drawbacks in the use of Aanthocyanins in food.





2.2 Health food: Anthocyanins as antioxidants have health promoting effects, which include reduced risk of coronary heart disease, improved visual activity and antiviral activity. However, many of these claims are not proven scientifically. Anthocyanins are important antioxidants, but their effect on human health is still poorly understood.



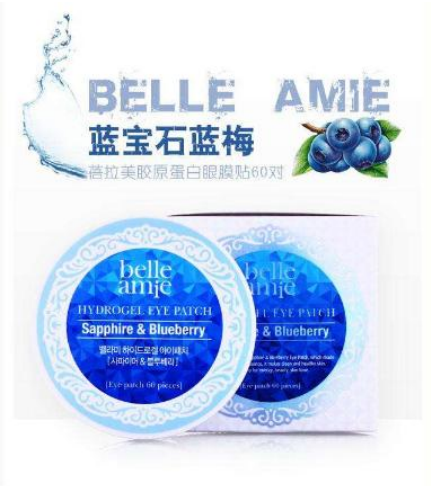




2.3 Cosmetics:

Skin care products: facial cleanser, moisturizing cream, mask

Function: Anti-oxidation, remove free radicals, remove spots, moisturizing, skin elasticity and so on.





2.4 For directly drink:

Make solid drinking and drink direclty. It will be have good funtion of removing spot , mantaining beauty and keeping young.





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