Active Ingredient:Punicalagin Latin Names:Pericarpium Granati

Used Part:Peel Specification:40%

Appearance:Brown fine powder

Test Method:HPLC

Molecular Formula:C48H28O30

Molecular Weight:1084.72 CAS NO.:65995-63-3

Application: Medicine; Health care Product; Food and Drinks and Cosmetic

Item	Specification	Result	Method
Maker Compounds	NLT 40%Punicalagin	41.05%	HPLC
Organoleptic			
Appearance	Fine Powder	Conforms	NLS-QCS-1008
Color	Brown	Conforms	GB/T 5492-2008
Odor	Characteristic	Conforms	GB/T 5492-2008
Taste	Characteristic	Conforms	GB/T 5492-2008
Part Used	Peel	Conforms	/
Extract solvent	Ethanol & Water	Conforms	/
Drying Method	Spary drying	Conforms	/
Physical Characteristics			
Particle Size (80 mesh)	99.0% Through 80mesh	Conforms	GB/T 5507-2008
Moisture	<5.0%	4.06%	GB/T 14769-1993
Ash Content	<5.0%	2.66%	AOAC 942.05, 18th

Punicalagin effects:

After being absorbed by human body, pomegranate glycoside can be decomposed into ellagic acid under the action of human enzyme. It has good oxidation resistance and has been used as food antioxidant. Now, it is mainly used in cosmetics in Japan and France.

Punicalagin advantage:

- 1.More easily absorbed by the body.
- 2. Water soluble, can be used in beverages.
- 3.It is difficult to be synthesized and extracted from other plants.only extracted from natural

