[**Product Name**] Mulberry Twig Extract  
[**Synonym**] Ramulus Mori Extract  
[**Source**] *Morus alba* L.  
[**Used Part**] Twig  
[**Specification**] 5:1, 10:1, 20:1; 0.5%, 1%, 2% 1-DNJ  
[**Detection Method**] HPLC / TLC.  
[**Characteristics**] Brown fine powder.  

[**Package**]  
25 kgs/drum. Packed in paper-drums and two plastic-bags inside. Or according to customer’s requirements.  

[**Storage Situation**]  
Stored in a cool and dry well-closed container, keep away from moisture and strong light / heat.  

[**Shelf Life**]  
Two Years under well storage situation; Tightly sealed in a clean, cool, dry area. Keep away from diret light.  

[**Function**]  
Mulberry Twig is considered as a nice herb in the ancient China for anti-inflammation, anti-aging and maintaining health. Among these components, the most valuable are Rutoside and DNJ (1-Deoxynojimycin), The latest Chinese research has shown Rutoside and DNJ are effective in regulating blood fat, balancing blood pressure, reducing blood glucose, and boosting metabolism. SO they are widely used as raw materials for curing diabetes  

1. Reduce the high peak value of the postprandial blood glucose through inhibiting the
activity of secondary carbohydrate degradation enzyme and refraining disaccharide absorption in intestine;

2. Promote β cells to secrete insulin, and then advance the carbohydrate use of cells and the liver glycogen synthesis, as well as improve the carbohydrate metabolism, and finally achieve the purpose of reducing the blood glucose;

3. Inhibit the multiplication of harmful bacteria and relieve the abdominal symptoms of bowel sound, exhaust and abdominal distention through increasing the acidity of intestinal contents, and to depress side effect in gastrointestinal.