



Technical Data Sheet for Stevia Extract (Chlorogenic acid 20- 50%)

Product Name: Chlorogenic acid

Molecular formula: C₁₆H₁₈O₉

Molecular weight: 354.31

Application: Chlorogenic acid has a wide range of biological activities. Modern scientific research on these biological activities has penetrated into many fields such as food, health care, medicine and daily chemical industry. As an important biologically active substance, chlorogenic acid has the functions of antibacterial, antiviral, increasing white blood cells, protecting liver and gallbladder, anti-tumor, lowering blood pressure, lowering blood fat, removing free radicals and exciting the central nervous system.

CHLOROGENIC ACID	
Test Item	Specification
Appearance	Yellow Brown powder
Chlorogenic acid Content	20~50%
5-CQA Content	10~25%
Loss On Drying	<5%
Solvent Residual	<5000ppm
Heavy Metals	<10 mg/kg

Instructions: Chlorogenic acid has antibacterial activity. The MIC of Staphylococcus aureus is 400ng/ml; the IC₅₀ of hyaluronidase inhibition is 1.85 mmol/L; it is an inhibitor of glucose-6-P translocase; the free radical scavenging activity is better than tocopherol and ascorbic acid; the inhibitory intensity of light free radicals is 5 times compared with that of penicillium ammonia.

Storage and packaging: Two years if sealed and store away from direct sun light at 0-6 °C.

Other Information: The above information is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Greenrun and its Affiliates shall not be held liable for any damage resulting from the handling or from contact with the above product.