

Ginsenoside Analysis

Ginsenosides are triterpenoid saponins, which are exclusively contained in ginseng. We offer two ways of analysis for ginsenosides.

- 1: Ginseng saponins (total ginsenosides) analysis
- 2: Respective ginsenosides analysis

	Ginseng saponins analysis	Respective ginsenosides analysis
Samples	Ginseng root, ginseng extract, related processed foods, etc.	
Required Sample Amount	20 g	
Turnaround Time	3 - 4 weeks	
Analytical Method	GC	LC-MS
Quantification Limit	5.0 mg/100g	
Comment	<p>It is known that the main groups of ginsenosides are ginsenoside Rb1 group and ginsenoside Rg1 group.</p> <p>In our method, we hydrolyze these ginsenosides into two types of sapogenins, and analyze the quantity of them respectively.</p> <p>They are calculated as ginsenoside Rb1 and ginsenoside Rg1. We define the sum of ginsenoside Rb1 and Rg1 as ginseng saponin.</p>	<p>We provide each ginsenoside content.</p> <p>The kind of ginsenoside that we can analyze: Rb1, Rb2, Rc, Rd, Rg1 and Re.</p>

For more information, please contact us at kaigaisoudan@jfrl.or.jp