

## **Ginsenosides Calibration Solutions**

Art. ID	NIST-3389
Unit	5 x 1 mL
Deliverydetails	Dry ice shipment UN1230 (6.1) II E2

### Description

The certified values delivered by this Standard Reference Material (SRM) are intended for use in producing metrologically traceable calibrants for determining ginsenosides Rb1, Rb2, Rc, Rd, Re, and Rg1 in natural matrix samples. The non-certified value delivered by the SRM is intended for use in harmonizing measurements of ginsenoside Rf in natural matrix samples. A unit of SRM 3389 consists of two solutions: (1) four ampoules, each containing approximately 1 mL of a six-component mixture of ginsenosides Rb1, Rb2, Rc, Rd, Re, and Rg1 in methanol and (2) one ampule containing approximately 1 mL of a single component ginsenoside Rf in methanol. /// Sample value(s) - please ask for current certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Certified Mass Fraction Value	Ginsenoside Rg1	[22427-39-0]	0,524 ± 0,012	mg/g		
Certified Mass Fraction Value	Ginsenoside Re	[52286-59-6]	1,55 ± 0,03	mg/g		
Certified Mass Fraction Value	Ginsenoside Rb1	[41753-43-9]	1 3,83 ± 0,12	mg/g		
Certified Mass Fraction Value	Ginsenoside Rc	[11021-14-0]	0,754 ± 0,020	mg/g		
Certified Mass Fraction Value	Ginsenoside Rb2	[11021-13-9]	2 0,889 ± 0,028	mg/g		
Certified Mass Fraction Value	Ginsenoside Rd	[52705-93-8]	0,248 ± 0,008	mg/g		
Non-certified Mass Fraction Value	Ginsenoside Rf	[52286-58-5]	1,3 ± 0,1	mg/g		