

Ginkgo biloba ext - Flavonoids, terpene , actones, elements

Art. ID	NIST-3247
Unit	5 x 1 g
Deliverydetails	No Dangerous Good /not restricted

Description

Standard Reference Material (SRM®) 3247 is intended primarily for use in validating analytical methods for the determination of flavonoids, terpene lactones, and toxic elements in Ginkgo biloba extracts and similar matrices. This SRM® can also be used for quality assurance when assigning values to in-house control materials. NIST-3247 is part of a suite of ginkgo dietary supplement SRMs that have been developed to cover a range of natural matrices and analyte levels. A unit of NIST-3247 consists of five bottles, each containing approximately 1 g of extract. /// Sample value(s) - please ask for current certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Quercetin	[117-39-5]	45,1 ± 4,6	mg/g		
	Kaempferol	[520-18-3]	40,8 ± 3,0	mg/g		
	Isorhamnetin	[480-19-3]	10,8 ± 1,3	mg/g		
	Total Aglycones		96,8 ± 8,3	mg/g		
	Ginkgolide A	[15291-75-5]	11,6 ± 1,7	mg/g		
	Ginkgolide B	[15291-77-7]	5,92 ± 0,45	mg/g		
	Ginkgolide C	[15291-76-6]	12,4 ± 1,4	mg/g		
	Ginkgolide J	[107438-79-9]	3,9 ± 1,5	mg/g		
	Bilobalide	[33570-04-6]	28,5 ± 2,1	mg/g		
	Total Terpene Lactones		62,4 ± 5,7	mg/g		
	Lead (Pb)	[7439-92-1]	4,273 ± 0,031	µg/g		
Reference values	Arsenic (As)	[7440-38-2]	0,314 ± 0,012	µg/g		
Reference values	Cadmium (Cd)	[7440-43-9]	0,00753 ± 0,00077	µg/g		