

Ginkgo biloba - Flavonoids, terpene , actones, elements

Art. ID	NIST-3246
Unit	5 X 3 g
Deliverydetails	No Dangerous Good /not restricted

Description

Standard Reference Material (SRM®) 3246 is intended primarily for use in validating analytical methods for the determination of flavonoids, terpene lactones, and toxic elements in Ginkgo biloba and similar matrices. This SRM can also be used for quality assurance when assigning values to in-house control materials. NIST-3246 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-3246 consists of five bottles, each containing approximately 3 g of ground leaves. /// Sample value(s) - please ask for current certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Quercetin	[117-39-5]	2,69 ± 0,31	mg/g		
	Kaempferol	[520-18-3]	3,02 ± 0,41	mg/g		
	Isorhamnetin	[480-19-3]	0,517 ± 0,099	mg/g		
	Total Aglycones		6,22 ± 0,77	mg/g		
	Ginkgolide B	[15291-77-7]	0,470 ± 0,090	mg/g		
	Cadmium (Cd)	[7440-43-9]	20,8 ± 1,0	ng/g		
	Lead (Pb)	[7439-92-1]	995 ± 30	ng/g		
	Mercury (Hg)	[7439-97-6]	23,08 ± 0,17	ng/g		
Reference values	Ginkgolide A	[15291-75-5]	0,57 ± 0,28	mg/g		
Reference values	Ginkgolide C	[15291-76-6]	0,59 ± 0,22	mg/g		
Reference values	Ginkgolide J	[107438-79-9]	0,18 ± 0,10	mg/g		
Reference values	Bilobalide	[33570-04-6]	1,52 ± 0,40	mg/g		
Reference values	Total Terpene Lactones		3,3 ± 1,1	mg/g		