

Ginkgo-containing tablets - Flavonoids aglycones, terpene lactones

Art. ID	NIST-3248
Unit	5 x 1 g
Deliverydetails	No Dangerous Good /not restricted

Description

Standard Reference Material (SRM®) 3248 is intended primarily for use in validating analytical methods for the determination of flavonoids, terpene lactones, and toxic elements in ginkgo-containing tablets and similar matrices. This SRM® can also be used for quality assurance when assigning values to in-house control materials. NIST-3248 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-3248 consists of five bottles, each containing approximately 1 g of ground tablets. Certified values /// Sample value(s) - please ask for current certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Quercetin	[117-39-5]	7,56 ± 0,40	mg/g		
	Kaempferol	[520-18-3]	7,19 ± 0,70	mg/g		
	Isorhamnetin	[480-19-3]	1,90 ± 0,22	mg/g		
	Total Aglycones		16,6 ± 1,2	mg/g		
	Ginkgolide B	[15291-77-7]	1,12 ± 0,20	mg/g		
	Ginkgolide C	[15291-76-6]	2,36 ± 0,42	mg/g		
	Total Terpene Lactones		11,8 ± 1,4	mg/g		
	Lead (Pb)	[7439-92-1]	0,7753 ± 0,0089	µg/g		
	Ginkgolide A	[15291-75-5]	2,42 ± 0,63	mg/g		
	Ginkgolide J	[107438-79-9]	0,81 ± 0,36	mg/g		
	Bilobalide	[33570-04-6]	5,7 ± 1,2	mg/g		
	Arsenic (As)	[7440-38-2]	56,5 ± 4,3	ng/g		
	Cadmium (Cd)	[7440-43-9]	1,56 ± 0,19	ng/g		
	Mercury (Hg)	[7439-97-6]	0,271 ± 0,034	ng/g		