

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 | | |