

Spinach leaves - Trace elements

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|-----------------|-----------------------------------|
| Art. ID | NIST-1570a |
| Unit | 60 g |
| Deliverydetails | No Dangerous Good /not restricted |

Description

This Standard Reference Material (SRM®) is intended primarily for use in evaluating the reliability of analytical methods for the determination of major, minor, and trace elements, proximates, calories, and total dietary fiber in botanical materials, agricultural food products, and materials of similar matrix. A unit of NIST-1570a consists of 60 g of finely powdered dried spinach leaves. Certified values /// Sample value(s) - please ask for current certificate.

| Text/Information | Analyte/Parameter | CAS number | Concentration/Value | Unit | Method | Source |
|------------------|-------------------|-------------|---------------------|-------|--------|--------|
| | Calcium (Ca) | [7440-70-2] | 1,526 ± 0,066 | % | | |
| | Phosphorus (P) | [7723-14-0] | 0,5187 ± 0,0067 | % | | |
| | Potassium (K) | [7440-09-7] | 2,900 ± 0,026 | % | | |
| | Sodium (Na) | [7440-23-5] | 1,821 ± 0,023 | mg/kg | | |
| | Aluminium (Al) | [7429-90-5] | 310 ± 15 | mg/kg | | |
| | Arsenic (As) | [7440-38-2] | 0,068 ± 0,012 | mg/kg | | |
| | Boron (B) | [7440-42-8] | 37,7 ± 1,2 | mg/kg | | |
| | Cadmium (Cd) | [7440-43-9] | 2,876 ± 0,058 | mg/kg | | |
| | Cobalt (Co) | [7440-48-4] | 0,393 ± 0,030 | mg/kg | | |
| | Copper (Cu) | [7440-50-8] | 12,22 ± 0,86 | mg/kg | | |
| | Manganese (Mn) | [7439-96-5] | 76,0 ± 1,2 | mg/kg | | |
| | Mercury (Hg) | [7439-97-6] | 0,0297 ± 0,0021 | mg/kg | | |
| | Nickel (Ni) | [7440-02-0] | 2,142 ± 0,058 | mg/kg | | |
| | Selenium (Se) | [7782-49-2] | 0,1152 ± 0,0043 | mg/kg | | |
| | Strontium (Sr) | [7440-24-6] | 55,54 ± 0,50 | mg/kg | | |
| | Thorium (Th) | [7440-29-1] | 0,0480 ± 0,0017 | mg/kg | | |
| | Vanadium (V) | [7440-62-2] | 0,568 ± 0,017 | mg/kg | | |
| | Zinc (Zn) | [7440-66-6] | 82,3 ± 3,9 | mg/kg | | |