

Inorganic Constituents in Animal Serum

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|-----------------|----------------------------------|
| Art. ID | NIST-1598a |
| Unit | 2 vials x 5 mL |
| Deliverydetails | Dry ice shipment /not restricted |

Description

Standard Reference Material (SRM®) 1598a is a serum sample derived from a mixture of serum from healthy bovine and porcine animals collected under strict protocols designed to preserve the original composition and to minimize contamination. The SRM® is intended primarily for use in calibrating instrumentation and evaluating the accuracy of analytical methods for selected elements in blood serum, plasma, and similar biological fluids. A unit of NIST-1598a consists of two capped polyethylene vials, each containing 5 mL to 6 mL of frozen serum. Reference values for Al, Cr, Hg and Mo. /// Sample value(s) - please ask for current certificate.

| Text/Information | Analyte/Parameter | CAS number | Concentration/Value | Unit | Method | Source |
|------------------|-------------------|-------------|---------------------|------|--------|--------|
| | Cadmium (Cd) | [7440-43-9] | 0,048 ± 0,004 | µg/L | | |
| | Cobalt (Co) | [7440-48-4] | 1,24 ± 0,07 | µg/L | | |
| | Caesium (Cs) | [7440-46-2] | 0,64 ± 0,10 | µg/L | | |
| | Copper (Cu) | [7440-50-8] | 1580 ± 90 | µg/L | | |
| | Iron (Fe) | [7439-89-6] | 1680 ± 60 | µg/L | | |
| | Manganese (Mn) | [7439-96-5] | 1,78 ± 0,33 | µg/L | | |
| | Nickel (Ni) | [7440-02-0] | 0,94 ± 0,18 | µg/L | | |
| | Rubidium (Rb) | [7440-17-7] | 274 ± 19 | µg/L | | |
| | Antimony (Sb) | [7440-36-0] | 1,00 ± 0,15 | µg/L | | |
| | Selenium (Se) | [7782-49-2] | 134,4 ± 5,8 | µg/L | | |
| | Vanadium (V) | [7440-62-2] | 1,88 ± 0,11 | µg/L | | |
| | Zinc (Zn) | [7440-66-6] | 880 ± 24 | µg/L | | |