

**\*\*\*available in 2025\*\*\* Seronorm™ Trace Elements Urine L-1**

|                 |                                   |
|-----------------|-----------------------------------|
| Art. ID         | SERO-210605                       |
| Unit            | 10 x 5 mL                         |
| Deliverydetails | No Dangerous Good /not restricted |

Description

Accuracy control for the analyses of trace elements and heavy metals in urine /// A wide variety of applications: nutrition, occupational health, environmental health, toxicology, food safety, veterinary and biological studies /// Contains more than 95% human urine with no preservatives or stabilizers added /// Product documentation with analytical values for more than 60 elements and toxic organic compounds /// Independent analytical values traceable to international reference materials /// Two clinically relevant levels for the following elements: Aluminium, Antimony, Arsenic, Beryllium, Bismuth, Cadmium, Chromium, Cobalt, Copper, Fluoride, Iodine, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Selenium, Tellurium, Thallium, Tin, Vanadium, Zinc. Each level is available separately /// Freeze-dried material, excellent shelf life /// Please refer to the package insert of currently available lots for specific analyte and stability claims

| Text/Information | Analyte/Parameter | CAS number  | Concentration/Value | Unit | Method | Source |
|------------------|-------------------|-------------|---------------------|------|--------|--------|
|                  | Aluminium (Al)    | [7429-90-5] |                     |      |        |        |
|                  | Antimony (Sb)     | [7440-36-0] |                     |      |        |        |
|                  | Arsenic (As)      | [7440-38-2] |                     |      |        |        |
|                  | Barium (Ba)       | [7440-39-3] |                     |      |        |        |
|                  | Beryllium (Be)    | [7440-41-7] |                     |      |        |        |
|                  | Bismuth (Bi)      | [7440-69-9] |                     |      |        |        |
|                  | Bromine (Br)      | [7726-95-6] |                     |      |        |        |
|                  | Cadmium (Cd)      | [7440-43-9] |                     |      |        |        |
|                  | Calcium (Ca)      | [7440-70-2] |                     |      |        |        |
|                  | Cerium (Ce)       | [7440-45-1] |                     |      |        |        |
|                  | Cesium (Cs)       |             |                     |      |        |        |
|                  | Chromium (Cr)     | [7440-47-3] |                     |      |        |        |
|                  | Cobalt (Co)       | [7440-48-4] |                     |      |        |        |
|                  | Copper (Cu)       | [7440-50-8] |                     |      |        |        |
|                  | Dysprosium (Dy)   | [7429-91-6] |                     |      |        |        |
|                  | Erbium (Er)       | [7440-52-0] |                     |      |        |        |
|                  | Europium (Eu)     | [7440-53-1] |                     |      |        |        |
|                  | Fluoride (F)      |             |                     |      |        |        |
|                  | Gadolinium (Gd)   | [7440-54-2] |                     |      |        |        |
|                  | Gallium (Ga)      | [7440-55-3] |                     |      |        |        |
|                  | Gold (Au)         | [7440-57-5] |                     |      |        |        |
|                  | Hafnium (Hf)      | [7440-58-6] |                     |      |        |        |
|                  | Holmium (Ho)      | [7440-60-0] |                     |      |        |        |
|                  | Iodine (I)        | [7553-56-2] |                     |      |        |        |

|                   |              |
|-------------------|--------------|
| Iridium (Ir)      | [7439-88-5]  |
| Iron (Fe)         | [7439-89-6]  |
| Lanthanum (La)    | [7439-91-0]  |
| Lead (Pb)         | [7439-92-1]  |
| Lithium (Li)      | [7439-93-2]  |
| Lutetium (Lu)     | [7439-94-3]  |
| Magnesium (Mg)    | [7439-95-4]  |
| Manganese (Mn)    | [7439-96-5]  |
| Mercury (Hg)      | [7439-97-6]  |
| Molybdenum (Mo)   | [7439-98-7]  |
| Neodymium (Nd)    | [7440-00-8]  |
| Nickel (Ni)       | [7440-02-0]  |
| Niobium (Nb)      | [7440-03-1]  |
| Phosphorus (P)    | [7723-14-0]  |
| Platinum (Pt)     | [7440-06-4]  |
| Potassium (K)     | [7440-09-7]  |
| Praseodymium (Pr) | [7440-10-0]  |
| Rhenium (Re)      | [7440-15-5]  |
| Rubidium (Rb)     | [7440-17-7]  |
| Samarium (Sm)     | [7440-19-9]  |
| Selenium (Se)     | [7782-49-2]  |
| Silver (Ag)       | [7440-22-4]  |
| Sodium (Na)       | [7440-23-5]  |
| Strontium (Sr)    | [7440-24-6]  |
| Sulfur (S)        | [7704-34-9]  |
| Tantalum (Ta)     | [7440-25-7]  |
| Tellurium (Te)    | [13494-80-9] |
| Terbium (Tb)      | [7440-27-9]  |
| Thallium (Tl)     | [7440-28-0]  |
| Thorium (Th)      | [7440-29-1]  |
| Thulium (Tm)      | [7440-30-4]  |
| Tin (Sn)          | [7440-31-5]  |
| Uranium (U)       | [7440-61-1]  |
| Vanadium (V)      | [7440-62-2]  |
| Ytterbium (Yb)    | [7440-64-4]  |
| Yttrium (Y)       | [7440-65-5]  |
| Zinc (Zn)         | [7440-66-6]  |
| Zirconium (Zr)    | [7440-67-7]  |

