



Centre de toxicologie / INSPQ

# Biological Reference Material

## - Evaluation Report -

**AM-S-Y2501**

Biological matrix : Serum

Date of publication :  
Expiration date : 2029-10-01

| MATERIAL NUMBER | ANALYTE GROUPING | ANALYTE     | ASSIGNED VALUE | UNIT | STANDARD UNCERTAINTY * | N  |
|-----------------|------------------|-------------|----------------|------|------------------------|----|
| AM-S-Y2501      | PFAS serum       | PFOA        | 20.6           | µg/L | 0.498                  | 20 |
|                 |                  | PFOS        | 30.3           | µg/L | 1.14                   | 23 |
|                 |                  | PFHxS       | 9.75           | µg/L | 0.313                  | 26 |
|                 |                  | PFHxA       | 2.72           | µg/L | 0.0818                 | 24 |
|                 |                  | PFNA        | 4.96           | µg/L | 0.123                  | 26 |
|                 |                  | PFUdA       | 3.94           | µg/L | 0.0921                 | 25 |
|                 |                  | PFDA        | 4.03           | µg/L | 0.0948                 | 25 |
|                 |                  | PFHpS       | 3.90           | µg/L | 0.0888                 | 22 |
|                 |                  | PFHpA       | 2.25           | µg/L | 0.0525                 | 23 |
|                 |                  | PFOS linear | 23.3           | µg/L | 0.773                  | 20 |
|                 |                  | PFOS branch | 7.18           | µg/L | 0.770                  | 16 |
|                 |                  | PFBA        | 0.0530         | µg/L | 0.0244                 | 5  |
|                 |                  | PFBS        | 0.0327         | µg/L | 0.00343                | 7  |
|                 |                  | PFOA branch | 0.184          | µg/L | 0.107                  | 4  |
|                 |                  | PFOA linear | 20.7           | µg/L | 0.743                  | 15 |
|                 |                  | PFecHS      | 1.24           | µg/L | 0.145                  | 7  |
|                 |                  | PFDoDA      | 2.56           | µg/L | 0.0877                 | 21 |
|                 |                  | PFTTrDA     | 0.343          | µg/L | 0.0211                 | 15 |
|                 |                  | PFTeDA      | 0.894          | µg/L | 0.0470                 | 15 |
|                 |                  | MeFOSAA     | 3.03           | µg/L | 0.120                  | 18 |
|                 |                  | EtFOSAA     | 0.189          | µg/L | 0.0159                 | 14 |
|                 |                  | PFPeS       | 1.44           | µg/L | 0.0676                 | 14 |

\* Standard uncertainty (µx): characteristic of the dispersion of results used to calculate the assigned value; expressed in the same format as the standard deviation.

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