



Centre de toxicologie / INSPQ

# Biological Reference Material

## - Evaluation Report -

**OS-U-H2602**

Biological matrix : Urine

Date of publication :

Expiration date :

2031-05-01

| MATERIAL NUMBER | Biological matrix | ANALYTE               | ASSIGNED VALUE | UNIT | STANDARD UNCERTAINTY * | N |
|-----------------|-------------------|-----------------------|----------------|------|------------------------|---|
| OS-U-H2602      | Urine             | 1-Hydroxyphenanthrene | 5.92           | µg/L | 1.03                   | 5 |
|                 |                   | 1-Hydroxypyrene       | 0.764          | µg/L | 0.125                  | 6 |
|                 |                   | 2-Hydroxyfluorene     | 1.86           | µg/L | 0.196                  | 6 |
|                 |                   | 2-Hydroxyphenanthrene | 0.977          | µg/L | 0.194                  | 5 |
|                 |                   | 2-Naphthol            | 19.8           | µg/L | 1.71                   | 6 |
|                 |                   | 3-Hydroxyfluorene     | 0.981          | µg/L | 0.228                  | 6 |
|                 |                   | 3-Hydroxyphenanthrene | 4.20           | µg/L | 0.675                  | 6 |
|                 |                   | 4-Hydroxyphenanthrene | 0.240          | µg/L | 0.0473                 | 4 |
|                 |                   | 9-Hydroxyfluorene     | 1.43           | µg/L | 0.0405                 | 3 |
|                 | Urine             | Butyl paraben         | 0.894          | µg/L | 0.123                  | 6 |
|                 |                   | Ethyl paraben         | 3.73           | µg/L | 0.175                  | 6 |
|                 |                   | Methyl paraben        | 1.16           | µg/L | 0.102                  | 6 |
|                 |                   | Propyl paraben        | 5.69           | µg/L | 0.0922                 | 6 |

\* 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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