

## **Soil - PCBs and PAHs**

|                 |                                   |
|-----------------|-----------------------------------|
| Art. ID         | LGC6115                           |
| Unit            | 50 g                              |
| Deliverydetails | No Dangerous Good /not restricted |

### Description

LGC6115 is a contaminated sandy loam soil sourced from the Czech Republic. It has been produced to meet the demands of laboratories seeking to validate methods for accreditation to the UK Environment Agency's MCERTS soil testing scheme or similar schemes worldwide.

| Text/Information | Analyte/Parameter                              | CAS number   | Concentration/Value | Unit  | Method | Source |
|------------------|------------------------------------------------|--------------|---------------------|-------|--------|--------|
| Certified value  | 2,2',4,5,5'-Pentachloro biphenyl (PCB 101)     | [37680-73-2] | 93                  | µg/kg |        |        |
| Certified value  | 2,3',4,4',5-Pentachloro biphenyl (PCB 118)     | [31508-00-6] | 116                 | µg/kg |        |        |
| Certified value  | Phenanthrene                                   | [85-01-8]    | 178                 | mg/kg |        |        |
| Certified value  | Fluoranthene                                   | [206-44-0]   | 312                 | mg/kg |        |        |
| Certified value  | Benzo(a)anthracene                             | [56-55-3]    | 36                  | mg/kg |        |        |
| Certified value  | Benzo(a)pyrene                                 | [50-32-8]    | 0,13                | mg/kg |        |        |
| Certified value  | Benzo(g,h,i)perylene                           | [191-24-2]   | 0,33                | mg/kg |        |        |
| Assessed value   | 2,2',3,4,4',5'-Hexachlorobiphenyl (PCB 138)    | [35065-28-2] | 16                  | µg/kg |        |        |
| Assessed value   | 2,2',4,4',5,5'-Hexachlorobiphenyl (PCB 153)    | [35065-27-1] | 19                  | µg/kg |        |        |
| Assessed value   | 2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB 180) | [35065-29-3] | 9,6                 | µg/kg |        |        |