

## Great Lakes Semiment - PAHs

Art. ID	NIST-1936
Unit	50 g
Deliverydetails	No Dangerous Good /not restricted

### Description

The certified values delivered by this Standard Reference Material (SRM) are intended for use in validating calibration and validation materials for sediment analysis methods. The non-certified values delivered by the SRM are intended for use in harmonizing measurements of other measurands / A unit of NIST-1936 consists of 50 g of radiation-sterilized, dried sediment in amber glass bottle

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Certified value	3-Methylphenanthrene	[832-71-3]	154 ± 8	ng/g		
Certified value	Benzo[b]fluoranthene	[205-99-2]	2100 ± 170	ng/g		
Certified value	Benzo[ghi]perylene	[191-24-2]	1690 ± 90	ng/g		
Certified value	Pyrene	[129-00-0]	3590 ± 390	ng/g		
Non-Certified Value	Benzo[c]phenanthrene	[195-19-7]	205 ± 23	ng/g		
Non-Certified Value	Benzo[j]fluoranthene	[205-82-3]	745 ± 376	ng/g		
Non-Certified Value	Dibenzothiophene	[132-65-0]	55,5 ± 6,9	ng/g		
Non-Certified Value	Fluoranthene	[206-44-0]	3210 ± 930	ng/g		
Non-Certified Value	Perylene	[198-55-0]	612 ± 82	ng/g		
Non-Certified Value	Phenanthrene	[85-01-8]	1160 ± 50	ng/g		
Non-Certified Value	Perfluorooctane sulfonate (PFOS)	[1763-23-1]	0,778 ± 0,046	ng/g		