

## **Certified Reference Material - Semivolatiles on Polyurethane foam (Pair)**

Art. ID	ERA-1110
Unit	each
Deliverydetails	No Dangerous Good /not restricted

### Description

Two 2 mL flame-sealed ampules plus one polyurethane foam (PUF). Contains at least 42 analytes, randomly selected from the list below, at 10-?225 µg/sample (200-?1000 µg/sample for Benzidine) after preparation. The certified values vary from batch to batch. Please ask for the certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	1,2,4,5-Tetrachlorobenzene	[95-94-3]	10 - 225	µg/sample		
	1,2,4-Trichlorobenzene	[120-82-1]	10 - 225	µg/sample		
	1,2-Dichlorobenzene	[95-50-1]	10 - 225	µg/sample		
	1,3-Dichlorobenzene	[541-73-1]	10 - 225	µg/sample		
	1,4-Dichlorobenzene	[106-46-7]	10 - 225	µg/sample		
	1-Chloronaphthalene	[90-13-1]	10 - 225	µg/sample		
	2,3,4,6-Tetrachlorophenol	[58-90-2]	10 - 225	µg/sample		
	2,4,5-Trichlorophenol	[95-95-4]	10 - 225	µg/sample		
	2,4,6-Trichlorophenol	[88-06-2]	10 - 225	µg/sample		
	2,4-Dichlorophenol	[120-83-2]	10 - 225	µg/sample		
	2,4-Dimethylphenol	[105-67-9]	10 - 225	µg/sample		
	2,4-Dinitrophenol	[51-28-5]	10 - 225	µg/sample		
	2,4-Dinitrotoluene	[121-14-2]	10 - 225	µg/sample		
	2,6-Dichlorophenol	[87-65-0]	10 - 225	µg/sample		
	2,6-Dinitrotoluene	[606-20-2]	10 - 225	µg/sample		
	2-Chloronaphthalene	[91-58-7]	10 - 225	µg/sample		
	2-Chlorophenol	[95-57-8]	10 - 225	µg/sample		
	4,6-Dinitro-o-cresol	[534-52-1]	10 - 225	µg/sample		
	2-Methylnaphthalene	[91-57-6]	10 - 225	µg/sample		
	2-Methylphenol (o-Cresol)	[95-48-7]	10 - 225	µg/sample		
	2-Nitroaniline	[88-74-4]	10 - 225	µg/sample		
	2-Nitrophenol	[88-75-5]	10 - 225	µg/sample		
	3,3'-Dichlorobenzidine	[91-94-1]	10 - 225	µg/sample		
	3-Nitroaniline	[99-09-2]	10 - 225	µg/sample		
	4-Bromodiphenyl ether (	[101-55-3]	10 - 225	µg/sample		

PBDE 3)				
4-Chloro-3-methylphenol	[59-50-7]	10 - 225		µg/sample
4-Chloroaniline	[106-47-8]	10 - 225		µg/sample
4-Chlorophenyl-phenylet her	[7005-72-3]	10 - 225		µg/sample
4-Methylphenol	[106-44-5]	10 - 225		µg/sample
4-Nitroaniline	[100-01-6]	10 - 225		µg/sample
4-Nitrophenol	[100-02-7]	10 - 225		µg/sample
Acenaphthene	[83-32-9]	10 - 225		µg/sample
Acenaphthylene	[208-96-8]	10 - 225		µg/sample
Aniline	[62-53-3]	10 - 225		µg/sample
Anthracene	[120-12-7]	10 - 225		µg/sample
Benzidine	[92-87-5]	200 - 1000		µg/sample
Benzo(a)anthracene	[56-55-3]	10 - 225		µg/sample
Benzo(a)pyrene	[50-32-8]	10 - 225		µg/sample
Benzo(b)fluoranthene	[205-99-2]	10 - 225		µg/sample
Benzo(g,h,i)perylene	[191-24-2]	10 - 225		µg/sample
Benzo(k)fluoranthene	[207-08-9]	10 - 225		µg/sample
Benzoic acid	[65-85-0]	10 - 225		µg/sample
Benzyl alcohol	[100-51-6]	10 - 225		µg/sample
Benzylbutyl phthalate	[85-68-7]	10 - 225		µg/sample
Carbazole	[86-74-8]	10 - 225		µg/sample
Chrysene	[218-01-9]	10 - 225		µg/sample
Di-n-butyl phthalate	[84-74-2]	10 - 225		µg/sample
Di-n-octyl phthalate	[117-84-0]	10 - 225		µg/sample
Dibenz(a,h)anthracene	[53-70-3]	10 - 225		µg/sample
Dibenzofuran	[132-64-9]	10 - 225		µg/sample
Diethyl phthalate	[84-66-2]	10 - 225		µg/sample
Dimethyl phthalate	[131-11-3]	10 - 225		µg/sample
Fluoranthene	[206-44-0]	10 - 225		µg/sample
Fluorene	[86-73-7]	10 - 225		µg/sample
Hexachlorobenzene	[118-74-1]	10 - 225		µg/sample
Hexachloro-1,3-butadien e	[87-68-3]	10 - 225		µg/sample
Hexachlorocyclopentadie ne	[77-47-4]	10 - 225		µg/sample
Hexachloroethane	[67-72-1]	10 - 225		µg/sample
Indeno(1,2,3-cd)pyrene	[193-39-5]	10 - 225		µg/sample

Isophorone	[78-59-1]	10 - 225	µg/sample
N-Nitroso-di-n-propylamine (NDPA)	[621-64-7]	10 - 225	µg/sample
N-Nitroso-diethylamine (NDEA)	[55-18-5]	10 - 225	µg/sample
N-Nitroso-dimethylamine (NDMA)	[62-75-9]	10 - 225	µg/sample
N-nitrosodiphenylamine	[86-30-6]	10 - 225	µg/sample
Naphthalene	[91-20-3]	10 - 225	µg/sample
Nitrobenzene	[98-95-3]	10 - 225	µg/sample
Pentachlorobenzene	[608-93-5]	10 - 225	µg/sample
Pentachlorophenol	[87-86-5]	10 - 225	µg/sample
Phenanthrene	[85-01-8]	10 - 225	µg/sample
Phenol	[108-95-2]	10 - 225	µg/sample
Pyrene	[129-00-0]	10 - 225	µg/sample
Pyridine	[110-86-1]	10 - 225	µg/sample
bis(2-Chloroethoxy)methane	[111-91-1]	10 - 225	µg/sample
bis(2-Chloroethyl)ether	[111-44-4]	10 - 225	µg/sample
bis(2-Chloroisopropyl)ether	[108-60-1]	10 - 225	µg/sample
Bis(2-ethylhexyl)phthalate	[117-81-7]	10 - 225	µg/sample
o-Toluidine	[95-53-4]	10 - 225	µg/sample