

## **Proficiency Testing - Base/Neutrals, priority pollutant**

Art. ID	ERA-833
Unit	2 mL
Deliverydetails	ADR Excepted Quantity (EQ) / AIR Excepted Quantity (EQ) UN1992 (6.1) II E2

### Description

One 2 mL flame-sealed ampule yields up to 2 liters after dilution. Contains a subset of the analytes listed below at 10-225 µg/L (except Benzidine at 200-1000 µg/L).

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	1,2,4,5-Tetrachlorobenzene	[95-94-3]	10 - 225	µg/L		
	1,2,4-Trichlorobenzene	[120-82-1]	20 - 200	µg/L		
	1,2-Dichlorobenzene	[95-50-1]	20 - 200	µg/L		
	1,3-Dichlorobenzene	[541-73-1]	20 - 200	µg/L		
	1,4-Dichlorobenzene	[106-46-7]	20 - 200	µg/L		
	1-Chloronaphthalene	[90-13-1]	10 - 225	µg/L		
	2,4-Dinitrotoluene	[121-14-2]	20 - 200	µg/L		
	2,6-Dinitrotoluene	[606-20-2]	20 - 200	µg/L		
	2-Amino-1-methylbenzene (o-Toluidine)	[95-53-4]	10 - 225	µg/L		
	2-Chloronaphthalene	[91-58-7]	20 - 200	µg/L		
	2-Methylnaphthalene	[91-57-6]	20 - 200	µg/L		
	2-Nitroaniline	[88-74-4]	10 - 225	µg/L		
	3,3'-Dichlorobenzidine	[91-94-1]	50 - 200	µg/L		
	3-Nitroaniline	[99-09-2]	10 - 225	µg/L		
	4-Bromodiphenyl ether (PBDE 3)	[101-55-3]	20 - 200	µg/L		
	4-Chloroaniline	[106-47-8]	10 - 225	µg/L		
	4-Chlorophenyl-phenylether	[7005-72-3]	20 - 200	µg/L		
	4-Nitroaniline	[100-01-6]	10 - 225	µg/L		
	Acenaphthene	[83-32-9]	10 - 200	µg/L		
	Acenaphthylene	[208-96-8]	10 - 200	µg/L		
	Aniline	[62-53-3]	10 - 225	µg/L		
	Anthracene	[120-12-7]	10 - 200	µg/L		
	Benzidine	[92-87-5]	200 - 1000	µg/L		
	Benzo(a)anthracene	[56-55-3]	10 - 200	µg/L		
	Benzo(a)pyrene	[50-32-8]	10 - 200	µg/L		

Benzo(b)fluoranthene	[205-99-2]	20 - 200	µg/L
Benzo(g,h,i)perylene	[191-24-2]	10 - 200	µg/L
Benzo(k)fluoranthene	[207-08-9]	20 - 200	µg/L
Benzyl alcohol	[100-51-6]	10 - 225	µg/L
Benzylbutyl phthalate	[85-68-7]	50 - 200	µg/L
Carbazole	[86-74-8]	10 - 225	µg/L
Chrysene	[218-01-9]	10 - 200	µg/L
Di-n-butyl phthalate	[84-74-2]	40 - 200	µg/L
Di-n-octyl phthalate	[117-84-0]	30 - 200	µg/L
Dibenz(a,h)anthracene	[53-70-3]	20 - 200	µg/L
Dibenzofuran	[132-64-9]	30 - 200	µg/L
Diethyl phthalate	[84-66-2]	50 - 200	µg/L
Dimethyl phthalate	[131-11-3]	50 - 200	µg/L
Fluoranthene	[206-44-0]	30 - 200	µg/L
Fluorene	[86-73-7]	10 - 200	µg/L
Hexachlorobenzene	[118-74-1]	20 - 200	µg/L
Hexachloro-1,3-butadiene	[87-68-3]	50 - 200	µg/L
Hexachlorocyclopentadiene	[77-47-4]	50 - 200	µg/L
Hexachloroethane	[67-72-1]	50 - 200	µg/L
Indeno(1,2,3-cd)pyrene	[193-39-5]	30 - 200	µg/L
Isophorone	[78-59-1]	20 - 200	µg/L
N-Nitroso-di-n-propylamine (NDPA)	[621-64-7]	30 - 200	µg/L
N-Nitroso-diethylamine (NDEA)	[55-18-5]	10 - 225	µg/L
N-Nitroso-dimethylamine (NDMA)	[62-75-9]	75 - 200	µg/L
N-nitrosodiphenylamine	[86-30-6]	30 - 200	µg/L
Naphthalene	[91-20-3]	20 - 200	µg/L
Nitrobenzene	[98-95-3]	20 - 200	µg/L
Pentachlorobenzene	[608-93-5]	10 - 225	µg/L
Phenanthrene	[85-01-8]	10 - 200	µg/L
Pyrene	[129-00-0]	10 - 200	µg/L
Pyridine	[110-86-1]	10 - 225	µg/L
bis(2-Chloroethoxy)methane	[111-91-1]	20 - 200	µg/L

bis(2-Chloroethyl)ether	[111-44-4]	20 - 200	µg/L
bis(2-Chloroisopropyl)ether	[108-60-1]	30 - 200	µg/L
Bis(2-ethylhexyl)phthalate	[117-81-7]	20 - 200	µg/L
Biphenyl	[92-52-4]	30 - 200	µg/L
1,2-Diphenylhydrazine	[122-66-7]	30 - 200	µg/L
1,3-Dinitrobenzene	[99-65-0]	20 - 200	µg/L
2,3-Dichloroaniline	[608-27-5]	20 - 200	µg/L
Acetophenone	[98-86-2]	20 - 200	µg/L
Atrazine	[1912-24-9]	30 - 200	µg/L
Azobenzene	[103-33-3]	30 - 200	µg/L
Benzaldehyde	[100-52-7]	30 - 200	µg/L
Caprolactam	[105-60-2]	30 - 200	µg/L
n-Decane	[124-18-5]	20 - 200	µg/L
n-Octadecane	[593-45-3]	20 - 200	µg/L