

SCHEDA DETTAGLIO TECNICO LOTTO 12					
Pos.	Descrizione del prodotto	Formato/ conf.	Codice di riferimento	Prezzo unitario presunto, soggetto a ribasso	Quantitativo richiesto presunto annuo
CALIBRAZIONI: DIOSSINE – PCB – PBDE					
12.1	EPA Method 1668C labeled toxics/LOC/ window defining stock solution	1,2 mL	CILEC4977 (o Wellington 68C-LCS)	€ 2.600,00	2
	2-Chloro[13C12]biphenyl	1000 ng/mL			
	4-Chloro[13C12]biphenyl	1000 ng/mL			
	2,2'-Dichloro[13C12]biphenyl	1000 ng/mL			
	4,4'-Dichloro[13C12]biphenyl	1000 ng/mL			
	2,2',6'-Trichloro[13C12]biphenyl	1000 ng/mL			
	3,4,4'-Trichloro[13C12]biphenyl	1000 ng/mL			
	2,2',6,6'-Tetrachloro[13C12]biphenyl	1000 ng/mL			
	3,3',4,4'-Tetrachloro[13C12]biphenyl	1000 ng/mL			
	3,4,4',5-Tetrachloro[13C12]biphenyl	1000 ng/mL			
	2,2',4,6,6'-Pentachloro[13C12]biphenyl	1000 ng/mL			
	2,3,3',4,4'-Pentachloro[13C12]biphenyl	1000 ng/mL			
	2,3,4,4',5-Pentachloro[13C12]biphenyl	1000 ng/mL			
	2,3',4,4',5-Pentachloro[13C12]biphenyl	1000 ng/mL			
	2',3,4,4',5-Pentachloro[13C12]biphenyl	1000 ng/mL			
	3,3',4,4',5-Pentachloro[13C12]biphenyl	1000 ng/mL			
	2,2',4,4',6,6'-Hexachloro[13C12]biphenyl	1000 ng/mL			
	2,3,3',4,4',5-Hexachloro[13C12]biphenyl	1000 ng/mL			
	2,3,3',4,4',5'-Hexachloro[13C12]biphenyl	1000 ng/mL			
	2,3',4,4',5,5'-Hexachloro[13C12]biphenyl	1000 ng/mL			
	3,3',4,4',5,5'-Hexachloro[13C12]biphenyl	1000 ng/mL			
	2,2',3,4',5,6,6'-Heptachloro[13C12]biphenyl	1000 ng/mL			
	2,3,3',4,4',5,5'-Heptachloro[13C12]biphenyl	1000 ng/mL			
	2,2',3,3',5,5',6,6'-Octachloro[13C12]biphenyl	1000 ng/mL			
	2,3,3',4,4',5,5',6-Octachloro[13C12]biphenyl	1000 ng/mL			
	2,2',3,3',4,4',5,5',6-Nonachloro[13C12]biphenyl	1000 ng/mL			
	2,2',3,3',4,5,5',6,6'-Nonachloro[13C12]biphenyl	1000 ng/mL			
	Decachloro[13C12]biphenyl	1000 ng/mL			
12.2	Extended Calibration/Low Level	1 fiala da 500 uL	WELEN1948CSL	€ 750,00	1
	NATIVE PCDDs & PCDFs a 0,004 & 0,08 6 0,16 pg/µl in nonano				
	2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.04 pg/µl			
	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.08 pg/µl			
	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.08 pg/µl			
	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.08 pg/µl			
	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.08 pg/µl			
	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.16 pg/µl			
	Octachlorodibenzo-p-dioxin	0.16 pg/µl			
	2,3,7,8-Tetrachlorodibenzofuran	0.04 pg/µl			
	1,2,3,7,8-Pentachlorodibenzofuran	0.08 pg/µl			
	2,3,4,7,8-Pentachlorodibenzofuran	0.08 pg/µl			
	1,2,3,4,7,8-Hexachlorodibenzofuran	0.08 pg/µl			
	1,2,3,6,7,8-Hexachlorodibenzofuran	0.08 pg/µl			
	1,2,3,7,8,9-Hexachlorodibenzofuran	0.08 pg/µl			
	2,3,4,6,7,8-Hexachlorodibenzofuran	0.08 pg/µl			
	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.16 pg/µl			

Lotto 12_Calibrazioni diossine – PCB – PBDE

	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.16 pg/µl			
	Octachlorodibenzofuran	0.16 pg/µl			
	SAMPLING STANDARDS				
	1,2,3,7,8-Pentachloro[13C12]dibenzofuran	16 pg/µl			
	1,2,3,7,8,9-Hexachloro[13C12]dibenzofuran	16 pg/µl			
	1,2,3,4,7,8,9-Heptachloro[13C12]dibenzofuran	32 pg/µl			
	EXTRACTION STANDARDS				
	2,3,7,8-Tetrachloro[13C12]dibenzo-p-dioxin	16 pg/µl			
	1,2,3,7,8-Pentachloro[13C12]dibenzo-p-dioxin	16 pg/µl			
	1,2,3,4,7,8-Hexachloro[13C12]dibenzo-p-dioxin	16 pg/µl			
	1,2,3,6,7,8-Hexachloro[13C12]dibenzo-p-dioxin	16 pg/µl			
	1,2,3,4,6,7,8-Heptachloro[13C12]dibenzo-p-dioxin	32 pg/µl			
	Octachloro[13C12]dibenzo-p-dioxin	32 pg/µl			
	2,3,7,8-Tetrachloro[13C12]dibenzofuran	16 pg/µl			
	2,3,4,7,8-Pentachloro[13C12]dibenzofuran	16 pg/µl			
	1,2,3,4,7,8-Hexachloro[13C12]dibenzofuran	16 pg/µl			
	1,2,3,6,7,8-Hexachloro[13C12]dibenzofuran	16 pg/µl			
	2,3,4,6,7,8-Hexachloro[13C12]dibenzofuran	16 pg/µl			
	1,2,3,4,6,7,8-Heptachloro[13C12]dibenzofuran	32 pg/µl			
	Octachloro[13C12]dibenzofuran	32 pg/µl			
	SYRINGE STANDARDS				
	1,2,3,4-Tetrachloro[13C12]dibenzo-p-dioxin	16 pg/µl			
	1,2,3,7,8,9-Hexachloro[13C12]dibenzo-p-dioxin	16 pg/µl			
12.3	Individual calibration solution @ nonane-0.74-9.38% toluene		1 fiala da 500 uL	WELEN-1948CS1	€ 670,00
	NATIVE PCDDs & PCDFs				
	2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.2 pg/µl			
	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.4 pg/µl			
	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.4 pg/µl			
	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.4 pg/µl			
	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.4 pg/µl			
	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.8 pg/µl			
	Octachlorodibenzo-p-dioxin	0.8 pg/µl			
	2,3,7,8-Tetrachlorodibenzofuran	0.2 pg/µl			
	1,2,3,7,8-Pentachlorodibenzofuran	0.4 pg/µl			
	2,3,4,7,8-Pentachlorodibenzofuran	0.4 pg/µl			
	1,2,3,4,7,8-Hexachlorodibenzofuran	0.4 pg/µl			
	1,2,3,6,7,8-Hexachlorodibenzofuran	0.4 pg/µl			
	1,2,3,7,8,9-Hexachlorodibenzofuran	0.4 pg/µl			
	2,3,4,6,7,8-Hexachlorodibenzofuran	0.4 pg/µl			
	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.8 pg/µl			
	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.8 pg/µl			
	Octachlorodibenzofuran	0.8 pg/µl			
	SAMPLING STANDARDS				
	1,2,3,7,8-Pentachloro[13C12]dibenzofuran	16 pg/µl			
	1,2,3,7,8,9-Hexachloro[13C12]dibenzofuran	16 pg/µl			
	1,2,3,4,7,8,9-Heptachloro[13C12]dibenzofuran	32 pg/µl			
	EXTRACTION STANDARDS				
	2,3,7,8-Tetrachloro[13C12]dibenzo-p-dioxin	16 pg/µl			
	1,2,3,7,8-Pentachloro[13C12]dibenzo-p-dioxin	16 pg/µl			
	1,2,3,4,7,8-Hexachloro[13C12]dibenzo-p-dioxin	16 pg/µl			
	1,2,3,6,7,8-Hexachloro[13C12]dibenzo-p-dioxin	16 pg/µl			
	1,2,3,4,6,7,8-Heptachloro[13C12]dibenzo-p-dioxin	32 pg/µl			
	Octachloro[13C12]dibenzo-p-dioxin	32 pg/µl			
	2,3,7,8-Tetrachloro[13C12]dibenzofuran	16 pg/µl			
	2,3,4,7,8-Pentachloro[13C12]dibenzofuran	16 pg/µl			
	1,2,3,4,7,8-Hexachloro[13C12]dibenzofuran	16 pg/µl			

Lotto 12_Calibrazioni diossine – PCB – PBDE

	1,2,3,6,7,8-Hexachloro[13C12]dibenzofuran	16 pg/µl				
	2,3,4,6,7,8-Hexachloro[13C12]dibenzofuran	16 pg/µl				
	1,2,3,4,6,7,8-Heptachloro[13C12]dibenzofuran	32 pg/µl				
	Octachloro[13C12]dibenzofuran	32 pg/µl				
	SYRINGE STANDARDS					
	1,2,3,4-Tetrachloro[13C12]dibenzo-p-dioxin	16 pg/µl				
	1,2,3,7,8,9-Hexachloro[13C12]dibenzo-p-dioxin	16 pg/µl				
12.4	Individual calibration solution @ nonane-0.74-9.38% toluene		1 fiala da 500 uL	WELEN-1948CS3	€ 670,00	2
	NATIVE PCDDs & PCDFs					
	2,3,7,8-Tetrachlorodibenzo-p-dioxin	4 pg/µl				
	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	8 pg/µl				
	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	8 pg/µl				
	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	8 pg/µl				
	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	8 pg/µl				
	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	16 pg/µl				
	Octachlorodibenzo-p-dioxin	16 pg/µl				
	2,3,7,8-Tetrachlorodibenzofuran	4 pg/µl				
	1,2,3,7,8-Pentachlorodibenzofuran	8 pg/µl				
	2,3,4,7,8-Pentachlorodibenzofuran	8 pg/µl				
	1,2,3,4,7,8-Hexachlorodibenzofuran	8 pg/µl				
	1,2,3,6,7,8-Hexachlorodibenzofuran	8 pg/µl				
	1,2,3,7,8,9-Hexachlorodibenzofuran	8 pg/µl				
	2,3,4,6,7,8-Hexachlorodibenzofuran	8 pg/µl				
	1,2,3,4,6,7,8-Heptachlorodibenzofuran	16 pg/µl				
	1,2,3,4,7,8,9-Heptachlorodibenzofuran	16 pg/µl				
	Octachlorodibenzofuran	16 pg/µl				
	SAMPLING STANDARDS					
	1,2,3,7,8-Pentachloro[13C12]dibenzofuran	16 pg/µl				
	1,2,3,7,8,9-Hexachloro[13C12]dibenzofuran	16 pg/µl				
	1,2,3,4,7,8,9-Heptachloro[13C12]dibenzofuran	32 pg/µl				
	EXTRACTION STANDARDS					
	2,3,7,8-Tetrachloro[13C12]dibenzo-p-dioxin	16 pg/µl				
	1,2,3,7,8-Pentachloro[13C12]dibenzo-p-dioxin	16 pg/µl				
	1,2,3,4,7,8-Hexachloro[13C12]dibenzo-p-dioxin	16 pg/µl				
	1,2,3,6,7,8-Hexachloro[13C12]dibenzo-p-dioxin	16 pg/µl				
	1,2,3,4,6,7,8-Heptachloro[13C12]dibenzo-p-dioxin	32 pg/µl				
	Octachloro[13C12]dibenzo-p-dioxin	32 pg/µl				
	2,3,7,8-Tetrachloro[13C12]dibenzofuran	16 pg/µl				
	2,3,4,7,8-Pentachloro[13C12]dibenzofuran	16 pg/µl				
	1,2,3,4,7,8-Hexachloro[13C12]dibenzofuran	16 pg/µl				
	1,2,3,6,7,8-Hexachloro[13C12]dibenzofuran	16 pg/µl				
	2,3,4,6,7,8-Hexachloro[13C12]dibenzofuran	16 pg/µl				
	1,2,3,4,6,7,8-Heptachloro[13C12]dibenzofuran	32 pg/µl				
	Octachloro[13C12]dibenzofuran	32 pg/µl				
	SYRINGE STANDARDS					
	1,2,3,4-Tetrachloro[13C12]dibenzo-p-dioxin	16 pg/µl				
	1,2,3,7,8,9-Hexachloro[13C12]dibenzo-p-dioxin	16 pg/µl				
12.5	Individual calibration solution (EPA Method 1668C)		1 fiala da 200 uL	WEL68C-CS0.2	€ 470,00	1
	Native Toxics/LOC					
	2-Chlorobiphenyl	0.2 ng/mL				
	4-Chlorobiphenyl	0.2 ng/mL				
	2,2'-Dichlorobiphenyl	0.2 ng/mL				
	4,4'-Dichlorobiphenyl	0.2 ng/mL				

Lotto 12_Calibrazioni diossine – PCB – PBDE

2,2',6-Trichlorobiphenyl	0.2 ng/mL			
3,4,4'-Trichlorobiphenyl	0.2 ng/mL			
2,2',6,6'-Tetrachlorobiphenyl	0.2 ng/mL			
3,3',4,4'-Tetrachlorobiphenyl	0.2 ng/mL			
3,4,4',5-Tetrachlorobiphenyl	0.2 ng/mL			
2,2',4,6,6'-Pentachlorobiphenyl	0.2 ng/mL			
2,3,3',4,4'-Pentachlorobiphenyl	0.2 ng/mL			
2,3,4,4',5-Pentachlorobiphenyl	0.2 ng/mL			
2,3',4,4',5-Pentachlorobiphenyl	0.2 ng/mL			
2',3,4,4',5-Pentachlorobiphenyl	0.2 ng/mL			
3,3',4,4',5-Pentachlorobiphenyl	0.2 ng/mL			
2,2',4,4',6,6'-Hexachlorobiphenyl	0.2 ng/mL			
2,3,3',4,4',5-Hexachlorobiphenyl	0.2 ng/mL			
2,3,3',4,4',5'-Hexachlorobiphenyl	0.2 ng/mL			
2,3',4,4',5,5'-Hexachlorobiphenyl	0.2 ng/mL			
3,3',4,4',5,5'-Hexachlorobiphenyl	0.2 ng/mL			
2,2',3,4',5,6,6'-Heptachlorobiphenyl	0.2 ng/mL			
2,3,3',4,4',5,5'-Heptachlorobiphenyl	0.2 ng/mL			
2,2',3,3',5,5',6,6'-Octachlorobiphenyl	0.2 ng/mL			
2,3,3',4,4',5,5',6-Octachlorobiphenyl	0.2 ng/mL			
2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	0.2 ng/mL			
2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl	0.2 ng/mL			
Decachlorobiphenyl	0.2 ng/mL			
Labelled Toxics/LOC/Window-Defining (68C-LCS)				
2-Chloro[13C12]biphenyl	100 ng/mL			
4-Chloro[13C12]biphenyl	100 ng/mL			
2,2'-Dichloro[13C12]biphenyl	100 ng/mL			
4,4'-Dichloro[13C12]biphenyl	100 ng/mL			
2,2',6-Trichloro[13C12]biphenyl	100 ng/mL			
3,4,4'-Trichloro[13C12]biphenyl	100 ng/mL			
2,2',6,6'-Tetrachloro[13C12]biphenyl	100 ng/mL			
3,3',4,4'-Tetrachloro[13C12]biphenyl	100 ng/mL			
3,4,4',5-Tetrachloro[13C12]biphenyl	100 ng/mL			
2,2',4,6,6'-Pentachloro[13C12]biphenyl	100 ng/mL			
2,3,3',4,4'-Pentachloro[13C12]biphenyl	100 ng/mL			
2,3,4,4',5-Pentachloro[13C12]biphenyl	100 ng/mL			
2,3',4,4',5-Pentachloro[13C12]biphenyl	100 ng/mL			
2',3,4,4',5-Pentachloro[13C12]biphenyl	100 ng/mL			
3,3',4,4',5-Pentachloro[13C12]biphenyl	100 ng/mL			
2,2',4,4',6,6'-Hexachloro[13C12]biphenyl	100 ng/mL			
2,3,3',4,4',5-Hexachloro[13C12]biphenyl	100 ng/mL			
2,3,3',4,4',5'-Hexachloro[13C12]biphenyl	100 ng/mL			
2,3',4,4',5,5'-Hexachloro[13C12]biphenyl	100 ng/mL			
3,3',4,4',5,5'-Hexachloro[13C12]biphenyl	100 ng/mL			
2,2',3,4',5,6,6'-Heptachloro[13C12]biphenyl	100 ng/mL			
2,3,3',4,4',5,5'-Heptachloro[13C12]biphenyl	100 ng/mL			
2,2',3,3',5,5',6,6'-Octachloro[13C12]biphenyl	100 ng/mL			
2,3,3',4,4',5,5',6-Octachloro[13C12]biphenyl	100 ng/mL			
2,2',3,3',4,4',5,5',6-Nonachloro[13C12]biphenyl	100 ng/mL			
2,2',3,3',4,5,5',6,6'-Nonachloro[13C12]biphenyl	100 ng/mL			
Decachloro[13C12]biphenyl	100 ng/mL			
Labelled Clean-Up (68C-CS)				
2,4,4'-Trichloro[13C12]biphenyl	100 ng/mL			
2,3,3',5,5'-Pentachloro[13C12]biphenyl	100 ng/mL			
2,2',3,3',5,5',6-Heptachloro[13C12]biphenyl	100 ng/mL			
Labelled Injection/Internal (68C-IS)				
2,5-Dichloro[13C12]biphenyl	100 ng/mL			
2,2',5,5'-Tetrachloro[13C12]biphenyl	100 ng/mL			
2,2',4,5,5'-Pentachloro[13C12]biphenyl	100 ng/mL			

Lotto 12_Calibrazioni diossine – PCB – PBDE

	2,2',3,4,4',5'-Hexachloro[13C12]biphenyl	100 ng/mL				
	2,2',3,3',4,4',5,5'-Octachloro[13C12]biphenyl	100 ng/mL				
12.6	Materiale di riferimento per retta di taratura diossine (EN-1948CVS Calibration and Verification Solutions CS1.CS6) NOTA: • EN-1948CSL: non è incluso nel kit EN 1948CVS e deve essere ordinato separatamente con cod. EN – 1948CSL (EN-1948CSL: Extended Calibration/Low Level, fiala da 500 µL)		6 fiale da 500 µL	WELEN 1948CVS	€ 2.600,00	1
	EN-1948CS1	fiala da 500 µL				
	NATIVE PCDDs & PCDFs:	0.2 & 0.4 & 0.8 pg/µL				
	SAMPLING STANDARDS:	16 & 32 pg/µL				
	EXTRACTION STANDARDS:	16 & 32 pg/µL				
	SYRINGE STANDARDS:	16 pg/µL				
	EN-1948CS2	fiala da 500 µL				
	NATIVE PCDDs & PCDFs:	0.8 & 1.6 & 3.2 pg/µL				
	SAMPLING STANDARDS:	16 & 32 pg/µL				
	EXTRACTION STANDARDS:	16 & 32 pg/µL				
	SYRINGE STANDARDS:	16 pg/µL				
	EN-1948CS3	fiala da 500 µL				
	NATIVE PCDDs & PCDFs:	4 & 8 & 16 pg/µL				
	SAMPLING STANDARDS:	16 & 32 pg/µL				
	EXTRACTION STANDARDS:	16 & 32 pg/µL				
	SYRINGE STANDARDS:	16 pg/µL				
	EN-1948CS4	fiala da 500 µL				
	NATIVE PCDDs & PCDFs:	16 & 32 & 64 pg/µL				
	SAMPLING STANDARDS:	16 & 32 pg/µL				
	EXTRACTION STANDARDS:	16 & 32 pg/µL				
	SYRINGE STANDARDS:	16 pg/µL				
	EN-1948CS5	fiala da 500 µL				
	NATIVE PCDDs & PCDFs:	80 & 160 & 320 pg/µL				
	SAMPLING STANDARDS:	16 & 32 pg/µL				
	EXTRACTION STANDARDS:	16 & 32 pg/µL				
	SYRINGE STANDARDS:	16 pg/µL				
	EN-1948CS6	fiala da 500 µL				
	NATIVE PCDDs & PCDFs:	320 & 640 & 1280 pg/µL				
	SAMPLING STANDARDS:	16 & 32 pg/µL				
	EXTRACTION STANDARDS:	16 & 32 pg/µL				
	SYRINGE STANDARDS:	16 pg/µL				
	NATIVE PCDDs & PCDFs					
	2,3,7,8 Tetraclorodibenzo-p-dioxin					
	1,2,9,7,8Pentachlorodibenzo-p-dioxn					
	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin					
	1,2,3,6,7,8-Hexachlorodibenzo-pdioxin					
	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin					
	1,2,3,4,6,7,8-Heptachlorcdibenzo-p-dioxin					
	Octachlorodibenzo-p-dioxin					
	2,3,7,8-Tetrachlordebenzofuran					
	1,2,3,7,8Pentachlorodibenzofuran					
	2,3,4,7,8-Pentachloroditenzofuran					
	1,2,3,4,7,8-Hexachlorodibenzofuran					
	1,2,3,6,7,8-Hexachlorodibenzofuran					
	1,2,3,7,8,9 Hexachlorodibenzofuran					
	2,3,4,6,7,8-Hexachlorodibenzofuran					
	1,2,3,4,6,7,8-Heptachlorodibenzofuran					
	1,2,3,4,7,8,9-Heptachlorodibenzofuran					

Lotto 12_Calibrazioni diossine – PCB – PBDE

	Octachlorodibenzofuran				
	SAMPLING STANDARDS				
	1,2,3,7,8-Pentachloro ¹³ C ₁₂]dibenzofuran				
	1,2,3,7,8,9-Hexachloro ¹³ C ₁₂]dibenzofuran				
	1,2,3,4,7,8,9-Heptachloro ¹³ C ₁₂]dibenzofuran				
	EXTRACTION STANDARDS				
	2,3,7,8-tetracloro ¹³ C ₁₂]dibenzo-p-dioxin				
	1,2,9,7,8-Pentachloro ¹³ C ₁₂]dibenzo-p-dioxin				
	1,2,3,4,7,8-Hexachloro ¹³ C ₁₂]dibenzo-p-dioxin				
	1,2,3,6,7,8-Hexachloro ¹³ C ₁₂]dibenzo-p-dioxin				
	1,2,3,4,6,7,8-Heptachloro ¹³ C ₁₂]dibenzo-p-dioxin				
	Octachloro ¹³ C ₁₂]dibenzo-p-dioxin				
	2,3,7,8-Tetrachloro ¹³ C ₁₂]dibenzofuran				
	2,3,4,7,8-Pentachloro ¹³ C ₁₂]dibenzofuran				
	1,2,3,4,7,8-Hexachloro ¹³ C ₁₂]dibenzofuran				
	1,2,3,6,7,8-Hexachloro ¹³ C ₁₂]dibenzofuran				
	2,3,4,6,7,8-Hexachloro ¹³ C ₁₂]dibenzofuran				
	1,2,3,4,6,7,8-Heptachloro ¹³ C ₁₂]dibenzofuran				
	Octachloro ¹³ C ₁₂]dibenzofuran				
	SYRINGE STANDARDS				
	1,2,3,4-tetracloro ¹³ C ₁₂]dibenzo-p-dioxin				
	1,2,3,7,8,9-Hexachloro ¹³ C ₁₂]dibenzo-p-dioxin				
12.7	Materiale di riferimento per retta di taratura PCBs Marker (EN 1948 – 4:2010 HRGC/HRMS calibration solution for the Marker PCBs)	6 fiale da 500 uL	WELP48-M-CVS	€ 1.350,00	1
	P48-M-CS0.1 fiala da 500 µL NATIVE MARKER PCB CONGENERS (P48-M): 0.1 pg/µL MARKER PCB EXTRACTION SPIKE (P48-M-ES): 100 pg/µL SAMPLING SPIKE (P48-SS): 10 pg/µL RECOVERY SPIKE (P48-RS): 10 pg/µL				
	P48-M-CS1 fiala da 500 µL NATIVE MARKER PCB CONGENERS (P48-M): 1 pg/µL MARKER PCB EXTRACTION SPIKE (P48-M-ES): 100 pg/µL SAMPLING SPIKE (P48-SS): 10 pg/µL RECOVERY SPIKE (P48-RS): 10 pg/µL				
	P48-M-CS2 fiala da 500 µL NATIVE MARKER PCB CONGENERS (P48-M): 10 pg/µL MARKER PCB EXTRACTION SPIKE (P48-M-ES): 100 pg/µL SAMPLING SPIKE (P48-SS): 10 pg/µL RECOVERY SPIKE (P48-RS): 10 pg/µL				
	P48-M-CS3 fiala da 500 µL NATIVE MARKER PCB CONGENERS (P48-M): 100 pg/µL MARKER PCB EXTRACTION SPIKE (P48-M-ES): 100 pg/µL SAMPLING SPIKE (P48-SS): 10 pg/µL RECOVERY SPIKE (P48-RS): 10 pg/µL				
	P48-M-CS4 fiala da 500 µL NATIVE MARKER PCB CONGENERS (P48-M): 500 pg/µL MARKER PCB EXTRACTION SPIKE (P48-M-ES): 100 pg/µL SAMPLING SPIKE (P48-SS): 10 pg/µL RECOVERY SPIKE (P48-RS): 10 pg/µL				

Lotto 12_Calibrazioni diossine – PCB – PBDE

	P48-M-CS5 fiala da 500 µL NATIVE MARKER PCB CONGENERS (P48-M): 5000 pg/µL MARKER PCB EXTRACTION SPIKE (P48-M-ES): 100 pg/µL SAMPLING SPIKE (P48-SS): 10 pg/µL RECOVERY SPIKE (P48-RS): 10 pg/µL				
	NATIVE MARKER PCB CONGENERS (P48-M)				
	2,4,4'-Trichlorobiphenyl				
	2,2',5,5'-Tetrachlorobiphenyl				
	2,2',4,5,5'-Pentachlorobiphenyl				
	2,2',3,4,4',5'-Hexachlorobiphenyl				
	2,2',4,4',5,5'-Hexachlorobiphenyl				
	2,2',3,4,4',5,5'-Heptachlorobiphenyl				
	MARKER PCB EXTRACTION SPIKE (P48-M-ES)				
	2,4,4'-Trichloro[13C12]biphenyl				
	2,2',5,5'-Tetrachloro[13C12]biphenyl				
	2,2',4,5,5'-Pentachloro[13C12]biphenyl				
	2,2',3,4,4',5'-Hexachloro[13C12]biphenyl				
	2,2',4,4',5,5'-Hexachloro[13C12]biphenyl				
	2,2',3,4,4',5,5'-Heptachloro[13C12]biphenyl				
	SAMPLING SPIKE (P48-SS)				
	2,3,4,4'-Tetrachloro[13C12]biphenyl				
	3,3',4,5,5'-Pentachloro[13C12]biphenyl				
	2,3,3',4,5,5'-Hexachloro[13C12]biphenyl				
	RECOVERY SPIKE (P48-RS)				
	2,3',4',5-Tetrachloro[13C12]biphenyl				
	2,3,3',5,5'-Pentachloro[13C12]biphenyl				
	2,2',3,3',4,4',5-Heptachloro[13C12]biphenyl				
12.8	EN 1948 - 4:2010 HRGC/HRMS Calibration solution for the Marker PCBs, in nonano	1 fiala da 500 µL	WELP48-M-CS0.1	€ 280,00	2
	NATIVE MARKER PCB CONGENERS				
	2,4,4'-Trichlorobiphenyl 0.1 pg/µl				
	2,2',5,5'-Tetrachlorobiphenyl 0.1 pg/µl				
	2,2',4,5,5'-Pentachlorobiphenyl 0.1 pg/µl				
	2,2',3,4,4',5'-Hexachlorobiphenyl 0.1 pg/µl				
	2,2',4,4',5,5'-Hexachlorobiphenyl 0.1 pg/µl				
	2,2',3,4,4',5,5'-Heptachlorobiphenyl 0.1 pg/µl				
	MARKER PCB EXTRACTION SPIKE (P48-M-ES)				
	2,4,4'-Trichloro[13C12]biphenyl 100 pg/µl				
	2,2',5,5'-Tetrachloro[13C12]biphenyl 100 pg/µl				
	2,2',4,5,5'-Pentachloro[13C12]biphenyl 100 pg/µl				
	2,2',3,4,4',5'-Hexachloro[13C12]biphenyl 100 pg/µl				
	2,2',4,4',5,5'-Hexachloro[13C12]biphenyl 100 pg/µl				
	2,2',3,4,4',5,5'-Heptachloro[13C12]biphenyl 100 pg/µl				
	SAMPLING SPIKE (P48-SS)				
	2,3,4,4'-Tetrachloro[13C12]biphenyl 10 pg/µl				
	3,3',4,5,5'-Pentachloro[13C12]biphenyl 10 pg/µl				
	2,3,3',4,5,5'-Hexachloro[13C12]biphenyl 10 pg/µl				
	RECOVERY SPIKE (P48-RS)				
	2,3',4',5-Tetrachloro[13C12]biphenyl 10 pg/µl				
	2,3,3',5,5'-Pentachloro[13C12]biphenyl 10 pg/µl				
	2,2',3,3',4,4',5-Heptachloro[13C12]biphenyl 10 pg/µl				
12.9	EN 1948 - 4:2010 HRGC/HRMS Calibration solution for the Marker PCBs, in nonano	1 fiala da 500 µL	WELP48-M-CS2	€ 280,00	2
	NATIVE MARKER PCB CONGENERS				
	2,4,4'-Trichlorobiphenyl 10 pg/µl				
	2,2',5,5'-Tetrachlorobiphenyl 10 pg/µl				
	2,2',4,5,5'-Pentachlorobiphenyl 10 pg/µl				

Lotto 12_Calibrazioni diossine – PCB – PBDE

	2,2',3,4,4',5'-Hexachlorobiphenyl	10 pg/µl				
	2,2',4,4',5,5'-Hexachlorobiphenyl	10 pg/µl				
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	10 pg/µl				
	MARKER PCB EXTRACTION SPIKE (P48-M-ES)					
	2,4,4'-Trichloro[13C12]biphenyl	100 pg/µl				
	2,2',5,5'-Tetrachloro[13C12]biphenyl	100 pg/µl				
	2,2',4,5,5'-Pentachloro[13C12]biphenyl	100 pg/µl				
	2,2',3,4,4',5'-Hexachloro[13C12]biphenyl	100 pg/µl				
	2,2',4,4',5,5'-Hexachloro[13C12]biphenyl	100 pg/µl				
	2,2',3,4,4',5,5'-Heptachloro[13C12]biphenyl	100 pg/µl				
	SAMPLING SPIKE (P48-SS)					
	2,3,4,4'-Tetrachloro[13C12]biphenyl	10 pg/µl				
	3,3',4,5,5'-Pentachloro[13C12]biphenyl	10 pg/µl				
	2,3,3',4,5,5'-Hexachloro[13C12]biphenyl	10 pg/µl				
	RECOVERY SPIKE (P48-RS)					
	2,3',4',5-Tetrachloro[13C12]biphenyl	10 pg/µl				
	2,3,3',5,5'-Pentachloro[13C12]biphenyl	10 pg/µl				
	2,2',3,3',4,4',5-Heptachloro[13C12]biphenyl	10 pg/µl				
12.10	Materiale di riferimento per retta di taratura PCBs WHO nonane-0.74-9.38% toluene (EN 1948 - 4:2010 HRGC/HRMS calibration solution for the Dioxin-Like (WHO) PCBs)		6 fiale da 500 µL	WELP48-W-CVS	€ 2.150,00	1
	P48-W-CS1 fiala da 500 µL NATIVE DIOXIN-LIKE PCB CONGENERS: 0.1 & 0.6 pg/µl WHO PCB EXTRACTION SPIKE (P48-W-ES): 10 pg/µl SAMPLING SPIKE (P48-SS): 10 pg/µl RECOVERY SPIKE (P48-RS): 10 pg/µl					
	P48-W-CS2 fiala da 500 µL NATIVE DIOXIN-LIKE PCB CONGENERS: 1 & 6 pg/µl WHO PCB EXTRACTION SPIKE (P48-W-ES): 10 pg/µl SAMPLING SPIKE (P48-SS): 10 pg/µl RECOVERY SPIKE (P48-RS): 10 pg/µl					
	P48-W-CS3 fiala da 500 µL NATIVE DIOXIN-LIKE PCB CONGENERS: 10 & 60 pg/µl WHO PCB EXTRACTION SPIKE (P48-W-ES): 10 pg/µl SAMPLING SPIKE (P48-SS): 10 pg/µl RECOVERY SPIKE (P48-RS): 10 pg/µl					
	P48-W-CS4 fiala da 500 µL NATIVE DIOXIN-LIKE PCB CONGENERS: 50 & 300 pg/µl WHO PCB EXTRACTION SPIKE (P48-W-ES): 10 pg/µl SAMPLING SPIKE (P48-SS): 10 pg/µl RECOVERY SPIKE (P48-RS): 10 pg/µl					
	P48-W-CS5 fiala da 500 µL NATIVE DIOXIN-LIKE PCB CONGENERS: 200 & 1200 pg/µl WHO PCB EXTRACTION SPIKE (P48-W-ES): 10 pg/µl SAMPLING SPIKE (P48-SS): 10 pg/µl RECOVERY SPIKE (P48-RS): 10 pg/µl					
	P48-W-CS6 fiala da 500 µL NATIVE DIOXIN-LIKE PCB CONGENERS: 800 & 4800 pg/µl WHO PCB EXTRACTION SPIKE (P48-W-ES): 10 pg/µl SAMPLING SPIKE (P48-SS): 10 pg/µl RECOVERY SPIKE (P48-RS): 10 pg/µl					

Lotto 12_Calibrazioni diossine – PCB – PBDE

	NATIVE DIOXIN-LIKE PCB CONGENERS				
	3,3',4,4'-Tetrachlorobiphenyl				
	3,4,4',5-Tetrachlorobiphenyl				
	2,3,3',4,4'-Pentachlorobiphenyl				
	2,3,4,4',5-Pentachlorobiphenyl				
	2,3',4,4',5-Pentachlorobiphenyl				
	2',3,4,4',5-Pentachlorobiphenyl				
	3,3',4,4',5-Pentachlorobiphenyl				
	2,3,3',4,4',5-Hexachlorobiphenyl				
	2,3,3',4,4',5'-Hexachlorobiphenyl				
	2,3',4,4',5,5'-Hexachlorobiphenyl				
	3,3',4,4',5,5'-Hexachlorobiphenyl				
	2,3,3',4,4',5,5'-Heptachlorobiphenyl				
	WHO PCB EXTRACTION SPIKE (P48-W-ES)				
	3,3',4,4'-Tetrachloro[13C12]biphenyl				
	3,4,4',5-Tetrachloro[13C12]biphenyl				
	2,3,3',4,4'-Pentachloro[13C12]biphenyl				
	2,3,4,4',5-Pentachloro[13C12]biphenyl				
	2,3',4,4',5-Pentachloro[13C12]biphenyl				
	2',3,4,4',5-Pentachloro[13C12]biphenyl				
	3,3',4,4',5-Pentachloro[13C12]biphenyl				
	2,3,3',4,4',5-Hexachloro[13C12]biphenyl				
	2,3,3',4,4',5'-Hexachloro[13C12]biphenyl				
	2,3',4,4',5,5'-Hexachloro[13C12]biphenyl				
	3,3',4,4',5,5'-Hexachloro[13C12]biphenyl				
	2,3,3',4,4',5,5'-Heptachloro[13C12]biphenyl				
	SAMPLING SPIKE (P48-SS)				
	2,3,4,4'-Tetrachloro[13C12]biphenyl				
	3,3',4,5,5'-Pentachloro[13C12]biphenyl				
	2,3,3',4,5,5'-Hexachloro[13C12]biphenyl				
	RECOVERY SPIKE (P48-RS)				
	2,3',4',5-Tetrachloro[13C12]biphenyl				
	2,3,3',5,5'-Pentachloro[13C12]biphenyl				
	2,2',3,3',4,4',5-Heptachloro[13C12]biphenyl				
12.11	Individual calibration solution	1 fiala da 500 uL	WELP48-W-CS1	€ 470,00	2
	NATIVE DIOXIN-LIKE PCB CONGENERS				
	3,3',4,4'-Tetrachlorobiphenyl	0.1 pg/µl			
	3,4,4',5-Tetrachlorobiphenyl	0.1 pg/µl			
	2,3,3',4,4'-Pentachlorobiphenyl	0.1 pg/µl			
	2,3,4,4',5-Pentachlorobiphenyl	0.1 pg/µl			
	2,3',4,4',5-Pentachlorobiphenyl	0.6 pg/µl			
	2',3,4,4',5-Pentachlorobiphenyl	0.1 pg/µl			
	3,3',4,4',5-Pentachlorobiphenyl	0.1 pg/µl			
	2,3,3',4,4',5-Hexachlorobiphenyl	0.1 pg/µl			
	2,3,3',4,4',5'-Hexachlorobiphenyl	0.1 pg/µl			
	2,3',4,4',5,5'-Hexachlorobiphenyl	0.1 pg/µl			
	3,3',4,4',5,5'-Hexachlorobiphenyl	0.1 pg/µl			
	2,3,3',4,4',5,5'-Heptachlorobiphenyl	0.1 pg/µl			
	WHO PCB EXTRACTION SPIKE (P48-W-ES)				
	3,3',4,4'-Tetrachloro[13C12]biphenyl	10 pg/µl			
	3,4,4',5-Tetrachloro[13C12]biphenyl	10 pg/µl			
	2,3,3',4,4'-Pentachloro[13C12]biphenyl	10 pg/µl			
	2,3,4,4',5-Pentachloro[13C12]biphenyl	10 pg/µl			
	2,3',4,4',5-Pentachloro[13C12]biphenyl	10 pg/µl			
	2',3,4,4',5-Pentachloro[13C12]biphenyl	10 pg/µl			

Lotto 12_Calibrazioni diossine – PCB – PBDE

	3,3',4,4',5-Pentachloro[13C12]biphenyl	10 pg/μl			
	2,3,3',4,4',5-Hexachloro[13C12]biphenyl	10 pg/μl			
	2,3,3',4,4',5'-Hexachloro[13C12]biphenyl	10 pg/μl			
	2,3',4,4',5,5'-Hexachloro[13C12]biphenyl	10 pg/μl			
	3,3',4,4',5,5'-Hexachloro[13C12]biphenyl	10 pg/μl			
	2,3,3',4,4',5,5'-Heptachloro[13C12]biphenyl	10 pg/μl			
	SAMPLING SPIKE (P48-SS)				
	2,3,4,4'-Tetrachloro[13C12]biphenyl	10 pg/μl			
	3,3',4,5,5'-Pentachloro[13C12]biphenyl	10 pg/μl			
	2,3,3',4,5,5'-Hexachloro[13C12]biphenyl	10 pg/μl			
	RECOVERY SPIKE (P48-RS)				
	2,3',4',5-Tetrachloro[13C12]biphenyl	10 pg/μl			
	2,3,3',5,5'-Pentachloro[13C12]biphenyl	10 pg/μl			
	2,2',3,3',4,4',5-Heptachloro[13C12]biphenyl	10 pg/μl			
12.12	Individual calibration solution		1 fiala da 500 μL	WELP48-W-CS3	€ 470,00
	NATIVE DIOXIN-LIKE PCB CONGENERS				
	3,3',4,4'-Tetrachlorobiphenyl	10 pg/μl			
	3,4,4',5-Tetrachlorobiphenyl	10 pg/μl			
	2,3,3',4,4'-Pentachlorobiphenyl	10 pg/μl			
	2,3,4,4',5-Pentachlorobiphenyl	10 pg/μl			
	2,3',4,4',5-Pentachlorobiphenyl	60 pg/μl			
	2',3,4,4',5-Pentachlorobiphenyl	10 pg/μl			
	3,3',4,4',5-Pentachlorobiphenyl	10 pg/μl			
	2,3,3',4,4',5-Hexachlorobiphenyl	10 pg/μl			
	2,3,3',4,4',5'-Hexachlorobiphenyl	10 pg/μl			
	2,3',4,4',5,5'-Hexachlorobiphenyl	10 pg/μl			
	3,3',4,4',5,5'-Hexachlorobiphenyl	10 pg/μl			
	2,3,3',4,4',5,5'-Heptachlorobiphenyl	10 pg/μl			
	WHO PCB EXTRACTION SPIKE (P48-W-ES)				
	3,3',4,4'-Tetrachloro[13C12]biphenyl	10 pg/μl			
	3,4,4',5-Tetrachloro[13C12]biphenyl	10 pg/μl			
	2,3,3',4,4'-Pentachloro[13C12]biphenyl	10 pg/μl			
	2,3,4,4',5-Pentachloro[13C12]biphenyl	10 pg/μl			
	2,3',4,4',5-Pentachloro[13C12]biphenyl	10 pg/μl			
	2',3,4,4',5-Pentachloro[13C12]biphenyl	10 pg/μl			
	3,3',4,4',5-Pentachloro[13C12]biphenyl	10 pg/μl			
	2,3,3',4,4',5-Hexachloro[13C12]biphenyl	10 pg/μl			
	2,3,3',4,4',5'-Hexachloro[13C12]biphenyl	10 pg/μl			
	2,3',4,4',5,5'-Hexachloro[13C12]biphenyl	10 pg/μl			
	3,3',4,4',5,5'-Hexachloro[13C12]biphenyl	10 pg/μl			
	2,3,3',4,4',5,5'-Heptachloro[13C12]biphenyl	10 pg/μl			
	SAMPLING SPIKE (P48-SS)				
	2,3,4,4'-Tetrachloro[13C12]biphenyl	10 pg/μl			
	3,3',4,5,5'-Pentachloro[13C12]biphenyl	10 pg/μl			
	2,3,3',4,5,5'-Hexachloro[13C12]biphenyl	10 pg/μl			
	RECOVERY SPIKE (P48-RS)				
	2,3',4',5-Tetrachloro[13C12]biphenyl	10 pg/μl			
	2,3,3',5,5'-Pentachloro[13C12]biphenyl	10 pg/μl			
	2,2',3,3',4,4',5-Heptachloro[13C12]biphenyl	10 pg/μl			