

Method 8290 Calibration Solutions [HRCC1-HRCC5]

Art. ID CIL-EDF-5006
Unit 5 x 0,2 mL
Deliverydetails De Minimis UN1920 III E1

Description

Chemical purity: 98%

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
HRCC1	2,3,7,8-Tetrachlorodibe nzo-p-dioxin	[1746-01-6]	1	ng/mL		
HRCC1	2,3,7,8-Tetrachlorodibe nzofuran	[51207-31-9]	1	ng/mL		
HRCC1	1,2,3,7,8-Pentachlorodi benzo-p-dioxin	[40321-76-4]	2,5	ng/mL		
HRCC1	1,2,3,7,8-Pentachlorodi benzofuran	[57117-41-6]	2,5	ng/mL		
HRCC1	2,3,4,7,8-Pentachlorodi benzofuran	[57117-31-4]	2,5	ng/mL		
HRCC1	1,2,3,4,7,8-Hexachlorod ibenzo-p-dioxin	[39227-28-6]	2,5	ng/mL		
HRCC1	1,2,3,6,7,8-Hexachlorod ibenzo-p-dioxin	[57653-85-7]	2,5	ng/mL		
HRCC1	1,2,3,7,8,9-Hexachlorod ibenzo-p-dioxin	[19408-74-3]	2,5	ng/mL		
HRCC1	1,2,3,4,7,8-Hexachlorod ibenzofuran	[55684-94-1]	2,5	ng/mL		
HRCC1	1,2,3,6,7,8-Hexachlorod ibenzofuran	[57117-44-9]	2,5	ng/mL		
HRCC1	1,2,3,7,8,9-Hexachlorod ibenzofuran	[72918-21-9]	2,5	ng/mL		
HRCC1	2,3,4,6,7,8-Hexachlorod ibenzofuran	[60851-34-5]	2,5	ng/mL		
HRCC1	1,2,3,4,6,7,8-Heptachlo rodibenzo-p-dioxin	[35822-46-9]	2,5	ng/mL		
HRCC1	1,2,3,4,6,7,8-Heptachlo rodibenzofuran	[67562-39-4]	2,5	ng/mL		
HRCC1	1,2,3,4,7,8,9-Heptachlo	[55673-89-7]	2,5	ng/mL		

	rodibenzofuran			
HRCC1	1,2,3,4,6,7,8,9-Octachl	[3268-87-9]	5	ng/mL
	orodibenzo-p-dioxin			
HRCC1	Octachlorodibenzofuran	[39001-02-0]	5	ng/mL
HRCC1, Internal Standar ds	2,3,7,8-Tetrachlorodibe nzo-p-dioxin (13C12,99% abelled	[1746-01-6]/unl	50	ng/mL
HRCC1, Internal Standar ds	2,3,7,8-Tetrachlorodibe nzofuran (13C12,99%)	[89059-46-1]	50	ng/mL
HRCC1, Internal Standar ds	1,2,3,7,8-Pentachlorodi benzo-p-dioxin (13C12,9 9%)	[109719-79-1]	50	ng/mL
HRCC1, Internal Standar ds	1,2,3,7,8-Pentachlorodi benzofuran (13C12,99%)	[109719-77-9]	50	ng/mL
HRCC1, Internal Standar ds	1,2,3,6,7,8-Hexachlorod ibenzo-p-dioxin (13C12, 99%)	[109719-81-5]	125	ng/mL
HRCC1, Internal Standar ds	1,2,3,4,7,8-Hexachlorod ibenzofuran (13C12,99%)	[114423-98-2]	125	ng/mL
HRCC1, Internal Standar ds	1,2,3,4,6,7,8-Heptachlo rodibenzo-p-dioxin (13C 12,99%)	[35822-46-9]/un labelled	125	ng/mL
HRCC1, Internal Standar ds	1,2,3,4,6,7,8-Heptachlo rodibenzofuran (13C12,9 9%)	[109719-84-8]	125	ng/mL
HRCC1, Internal Standar ds	1,2,3,4,6,7,8,9-Octachl orodibenzo-p-dioxin (13 C12,99%)	[114423-97-1]	250	ng/mL
HRCC1, Recovery Standar ds	1,2,3,4-Tetrachlorodibe nzo-p-dioxin (13C12,99%)	[114423-99-3]	50	ng/mL
HRCC1, Recovery Standar ds	1,2,3,7,8,9-Hexachlorod ibenzo-p-dioxin (13C12, 99%)	[109719-82-6]	125	ng/mL
HRCC2	2,3,7,8-Tetrachlorodibe nzo-p-dioxin	[1746-01-6]	2,5	ng/mL
HRCC2	2,3,7,8-Tetrachlorodibe nzofuran	[51207-31-9]	2,5	ng/mL

HRCC2	1,2,3,7,8-Pentachlorodi benzo-p-dioxin	[40321-76-4]	6,25	ng/mL
HRCC2	1,2,3,7,8-Pentachlorodi benzofuran	[57117-41-6]	6,25	ng/mL
HRCC2	2,3,4,7,8-Pentachlorodi benzofuran	[57117-31-4]	6,25	ng/mL
HRCC2	1,2,3,4,7,8-Hexachlorod ibenzo-p-dioxin	[39227-28-6]	6,25	ng/mL
HRCC2	1,2,3,6,7,8-Hexachlorod ibenzo-p-dioxin	[57653-85-7]	6,25	ng/mL
HRCC2	1,2,3,7,8,9-Hexachlorod ibenzo-p-dioxin	[19408-74-3]	6,25	ng/mL
HRCC2	1,2,3,4,7,8-Hexachlorod ibenzofuran	[55684-94-1]	6,25	ng/mL
HRCC2	1,2,3,6,7,8-Hexachlorod ibenzofuran	[57117-44-9]	6,25	ng/mL
HRCC2	1,2,3,7,8,9-Hexachlorod ibenzofuran	[72918-21-9]	6,25	ng/mL
HRCC2	2,3,4,6,7,8-Hexachlorod ibenzofuran	[60851-34-5]	6,25	ng/mL
HRCC2	1,2,3,4,6,7,8-Heptachlo rodibenzo-p-dioxin	[35822-46-9]	6,25	ng/mL
HRCC2	1,2,3,4,6,7,8-Heptachlo rodibenzofuran	[67562-39-4]	6,25	ng/mL
HRCC2	1,2,3,4,7,8,9-Heptachlo rodibenzofuran	[55673-89-7]	6,25	ng/mL
HRCC2	1,2,3,4,6,7,8,9-Octachl orodibenzo-p-dioxin	[3268-87-9]	12,5	ng/mL
HRCC2	Octachlorodibenzofuran	[39001-02-0]	12,5	ng/mL
HRCC2, Internal Standar ds	2,3,7,8-Tetrachlorodibe nzo-p-dioxin (13C12,99%)	[1746-01-6]/unl abelled	50	ng/mL
HRCC2, Internal Standar ds	2,3,7,8-Tetrachlorodibe nzofuran (13C12,99%)	[89059-46-1]	50	ng/mL
HRCC2, Internal Standar ds	1,2,3,7,8-Pentachlorodi benzo-p-dioxin (13C12,9 9%)	[109719-79-1]	50	ng/mL
HRCC2, Internal Standar	1,2,3,7,8-Pentachlorodi	[109719-77-9]	50	ng/mL

ds	benzofuran (13C12,99%)				
HRCC2, Internal Standar	1,2,3,6,7,8-Hexachlorod	[109719-81-5]	125		ng/mL
ds	ibenzo-p-dioxin (13C12,99%)				
HRCC2, Internal Standar	1,2,3,4,7,8-Hexachlorod	[114423-98-2]	125		ng/mL
ds	ibenzofuran (13C12,99%)				
HRCC2, Internal Standar	1,2,3,4,6,7,8-Heptachlo	[35822-46-9]/un	125		ng/mL
ds	rodibenzo-p-dioxin (13C12,99%)	labelled			
HRCC2, Internal Standar	1,2,3,4,6,7,8-Heptachlo	[109719-84-8]	125		ng/mL
ds	rodibenzofuran (13C12,99%)				
HRCC2, Internal Standar	1,2,3,4,6,7,8,9-Octachl	[114423-97-1]	250		ng/mL
ds	orodibenzo-p-dioxin (13C12,99%)				
HRCC2, Recovery Standar	1,2,3,4-Tetrachlorodibe	[114423-99-3]	50		ng/mL
ds	nzo-p-dioxin (13C12,99%)				
HRCC2, Recovery Standar	1,2,3,7,8,9-Hexachlorod	[109719-82-6]	125		ng/mL
ds	ibenzo-p-dioxin (13C12,99%)				
HRCC3	2,3,7,8-Tetrachlorodibe	[1746-01-6]	10		ng/mL
	nzo-p-dioxin				
HRCC3	2,3,7,8-Tetrachlorodibe	[51207-31-9]	10		ng/mL
	nzofuran				
HRCC3	1,2,3,7,8-Pentachlorodi	[40321-76-4]	25		ng/mL
	benzo-p-dioxin				
HRCC3	1,2,3,7,8-Pentachlorodi	[57117-41-6]	25		ng/mL
	benzofuran				
HRCC3	2,3,4,7,8-Pentachlorodi	[57117-31-4]	25		ng/mL
	benzofuran				
HRCC3	1,2,3,4,7,8-Hexachlorod	[39227-28-6]	25		ng/mL
	ibenzo-p-dioxin				
HRCC3	1,2,3,6,7,8-Hexachlorod	[57653-85-7]	25		ng/mL
	ibenzo-p-dioxin				
HRCC3	1,2,3,7,8,9-Hexachlorod	[19408-74-3]	25		ng/mL
	ibenzo-p-dioxin				
HRCC3	1,2,3,4,7,8-Hexachlorod	[55684-94-1]	25		ng/mL

	ibenzofuran				
HRCC3	1,2,3,6,7,8-Hexachlorod	[57117-44-9]	25		ng/mL
	ibenzofuran				
HRCC3	1,2,3,7,8,9-Hexachlorod	[72918-21-9]	25		ng/mL
	ibenzofuran				
HRCC3	2,3,4,6,7,8-Hexachlorod	[60851-34-5]	25		ng/mL
	ibenzofuran				
HRCC3	1,2,3,4,6,7,8-Heptachlo	[35822-46-9]	25		ng/mL
	rodibenzo-p-dioxin				
HRCC3	1,2,3,4,6,7,8-Heptachlo	[67562-39-4]	25		ng/mL
	rodibenzofuran				
HRCC3	1,2,3,4,7,8,9-Heptachlo	[55673-89-7]	25		ng/mL
	rodibenzofuran				
HRCC3	1,2,3,4,6,7,8,9-Octachl	[3268-87-9]	50		ng/mL
	orodibenzo-p-dioxin				
HRCC3	Octachlorodibenzofuran	[39001-02-0]	50		ng/mL
HRCC3, Internal Standar ds	2,3,7,8-Tetrachlorodibe nzo-p-dioxin (13C12,99%)	[1746-01-6]/unl abelled	50		ng/mL
HRCC3, Internal Standar ds	2,3,7,8-Tetrachlorodibe nzofuran (13C12,99%)	[89059-46-1]	50		ng/mL
HRCC3, Internal Standar ds	1,2,3,7,8-Pentachlorodi benzo-p-dioxin (13C12,9 9%)	[109719-79-1]	50		ng/mL
HRCC3, Internal Standar ds	1,2,3,7,8-Pentachlorodi benzofuran (13C12,99%)	[109719-77-9]	50		ng/mL
HRCC3, Internal Standar ds	1,2,3,6,7,8-Hexachlorod ibenzo-p-dioxin (13C12, 99%)	[109719-81-5]	125		ng/mL
HRCC3, Internal Standar ds	1,2,3,4,7,8-Hexachlorod ibenzofuran (13C12,99%)	[114423-98-2]	125		ng/mL
HRCC3, Internal Standar ds	1,2,3,4,6,7,8-Heptachlo rodibenzo-p-dioxin (13C 12,99%)	[35822-46-9]/un labelled	125		ng/mL
HRCC3, Internal Standar ds	1,2,3,4,6,7,8-Heptachlo rodibenzofuran (13C12,9 9%)	[109719-84-8]	125		ng/mL
HRCC3, Internal Standar	1,2,3,4,6,7,8,9-Octachl	[114423-97-1]	250		ng/mL

ds	orodibenzo-p-dioxin (13 C12,99%)				
HRCC3, Recovery Standar	1,2,3,4-Tetrachlorodibe	[114423-99-3]	50		ng/mL
ds	nzo-p-dioxin (13C12,99%)				
HRCC3, Recovery Standar	1,2,3,7,8,9-Hexachlorod	[109719-82-6]	125		ng/mL
ds	ibenzo-p-dioxin (13C12, 99%)				
HRCC4	2,3,7,8-Tetrachlorodibe	[1746-01-6]	50		ng/mL
	nzo-p-dioxin				
HRCC4	2,3,7,8-Tetrachlorodibe	[51207-31-9]	50		ng/mL
	nzofuran				
HRCC4	1,2,3,7,8-Pentachlorodi	[40321-76-4]	125		ng/mL
	benzo-p-dioxin				
HRCC4	1,2,3,7,8-Pentachlorodi	[57117-41-6]	125		ng/mL
	benzofuran				
HRCC4	2,3,4,7,8-Pentachlorodi	[57117-31-4]	125		ng/mL
	benzofuran				
HRCC4	1,2,3,4,7,8-Hexachlorod	[39227-28-6]	125		ng/mL
	ibenzo-p-dioxin				
HRCC4	1,2,3,6,7,8-Hexachlorod	[57653-85-7]	125		ng/mL
	ibenzo-p-dioxin				
HRCC4	1,2,3,7,8,9-Hexachlorod	[19408-74-3]	125		ng/mL
	ibenzo-p-dioxin				
HRCC4	1,2,3,4,7,8-Hexachlorod	[55684-94-1]	125		ng/mL
	ibenzofuran				
HRCC4	1,2,3,6,7,8-Hexachlorod	[57117-44-9]	125		ng/mL
	ibenzofuran				
HRCC4	1,2,3,7,8,9-Hexachlorod	[72918-21-9]	125		ng/mL
	ibenzofuran				
HRCC4	2,3,4,6,7,8-Hexachlorod	[60851-34-5]	125		ng/mL
	ibenzofuran				
HRCC4	1,2,3,4,6,7,8-Heptachlo	[35822-46-9]	125		ng/mL
	rodibenzo-p-dioxin				
HRCC4	1,2,3,4,6,7,8-Heptachlo	[67562-39-4]	125		ng/mL
	rodibenzofuran				
HRCC4	1,2,3,4,7,8,9-Heptachlo	[55673-89-7]	125		ng/mL
	rodibenzofuran				

HRCC4	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	[3268-87-9]	250	ng/mL
HRCC4	Octachlorodibenzofuran	[39001-02-0]	250	ng/mL
HRCC4, Internal Standards	2,3,7,8-Tetrachlorodibenzo-p-dioxin (13C12,99% labelled)	[1746-01-6]/unlabelled	50	ng/mL
HRCC4, Internal Standards	2,3,7,8-Tetrachlorodibenzofuran (13C12,99%)	[89059-46-1]	50	ng/mL
HRCC4, Internal Standards	1,2,3,7,8-Pentachlorodibenzo-p-dioxin (13C12,99%)	[109719-79-1]	50	ng/mL
HRCC4, Internal Standards	1,2,3,7,8-Pentachlorodibenzofuran (13C12,99%)	[109719-77-9]	50	ng/mL
HRCC4, Internal Standards	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (13C12,99%)	[109719-81-5]	125	ng/mL
HRCC4, Internal Standards	1,2,3,4,7,8-Hexachlorodibenzofuran (13C12,99%)	[114423-98-2]	125	ng/mL
HRCC4, Internal Standards	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (13C12,99%)	[35822-46-9]/unlabelled	125	ng/mL
HRCC4, Internal Standards	1,2,3,4,6,7,8-Heptachlorodibenzofuran (13C12,99%)	[109719-84-8]	125	ng/mL
HRCC4, Internal Standards	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (13C12,99%)	[114423-97-1]	250	ng/mL
HRCC4, Recovery Standards	1,2,3,4-Tetrachlorodibenzo-p-dioxin (13C12,99%)	[114423-99-3]	50	ng/mL
HRCC4, Recovery Standards	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (13C12,99%)	[109719-82-6]	125	ng/mL
HRCC5	2,3,7,8-Tetrachlorodibenzo-p-dioxin	[1746-01-6]	200	ng/mL
HRCC5	2,3,7,8-Tetrachlorodibenzofuran	[51207-31-9]	200	ng/mL
HRCC5	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	[40321-76-4]	500	ng/mL

	benzo-p-dioxin			
HRCC5	1,2,3,7,8-Pentachlorodi	[57117-41-6]	500	ng/mL
	benzofuran			
HRCC5	2,3,4,7,8-Pentachlorodi	[57117-31-4]	500	ng/mL
	benzofuran			
HRCC5	1,2,3,4,7,8-Hexachlorod	[39227-28-6]	500	ng/mL
	ibenzo-p-dioxin			
HRCC5	1,2,3,6,7,8-Hexachlorod	[57653-85-7]	500	ng/mL
	ibenzo-p-dioxin			
HRCC5	1,2,3,7,8,9-Hexachlorod	[19408-74-3]	500	ng/mL
	ibenzo-p-dioxin			
HRCC5	1,2,3,4,7,8-Hexachlorod	[55684-94-1]	500	ng/mL
	ibenzofuran			
HRCC5	1,2,3,6,7,8-Hexachlorod	[57117-44-9]	500	ng/mL
	ibenzofuran			
HRCC5	1,2,3,7,8,9-Hexachlorod	[72918-21-9]	500	ng/mL
	ibenzofuran			
HRCC5	2,3,4,6,7,8-Hexachlorod	[60851-34-5]	500	ng/mL
	ibenzofuran			
HRCC5	1,2,3,4,6,7,8-Heptachlo	[35822-46-9]	500	ng/mL
	rodibenzo-p-dioxin			
HRCC5	1,2,3,4,6,7,8-Heptachlo	[67562-39-4]	500	ng/mL
	rodibenzofuran			
HRCC5	1,2,3,4,7,8,9-Heptachlo	[55673-89-7]	500	ng/mL
	rodibenzofuran			
HRCC5	1,2,3,4,6,7,8,9-Octachl	[3268-87-9]	1000	ng/mL
	orodibenzo-p-dioxin			
HRCC5	Octachlorodibenzofuran	[39001-02-0]	1000	ng/mL
HRCC5, Internal Standar	2,3,7,8-Tetrachlorodibe	[1746-01-6]/unl	50	ng/mL
ds	nzo-p-dioxin (13C12,99%))	abelled		
HRCC5, Internal Standar	2,3,7,8-Tetrachlorodibe	[89059-46-1]	50	ng/mL
ds	nzofuran (13C12,99%)			
HRCC5, Internal Standar	1,2,3,7,8-Pentachlorodi	[109719-79-1]	50	ng/mL
ds	benzo-p-dioxin (13C12,9 9%)			
HRCC5, Internal Standar	1,2,3,7,8-Pentachlorodi	[109719-77-9]	50	ng/mL
ds	benzofuran (13C12,99%)			

HRCC5, Internal Standard	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (13C12, 99%)	[109719-81-5]	125	ng/mL
ds				
HRCC5, Internal Standard	1,2,3,4,7,8-Hexachlorodibenzofuran (13C12,99%)	[114423-98-2]	125	ng/mL
ds				
HRCC5, Internal Standard	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (13C12,99%)	[35822-46-9]/unlabelled	125	ng/mL
ds				
HRCC5, Internal Standard	1,2,3,4,6,7,8-Heptachlorodibenzofuran (13C12,99%)	[109719-84-8]	125	ng/mL
ds				
HRCC5, Internal Standard	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (13C12,99%)	[114423-97-1]	250	ng/mL
ds				
HRCC5, Recovery Standard	1,2,3,4-Tetrachlorodibenzo-p-dioxin (13C12,99%)	[114423-99-3]	50	ng/mL
ds				
HRCC5, Recovery Standard	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (13C12, 99%)	[109719-82-6]	125	ng/mL
ds				