

Fly Ash II - Polychlorodibenzo-p-dioxin (PCDDs), Polychlorodibenzofurans (PCDFs) and Polychlorobiphenyls (PCBs)

Art. ID NIES-24
Unit 15 g
Deliverydetails No Dangerous Good /not restricted

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Certified value, WHO-TE F (2005): 1	2,3,7,8-Tetrachlorodibe nzo-p-dioxin	[1746-01-6]	4,2 ± 0,6	ng/g-dry		
Certified value, WHO-TE F (2005): 1	1,2,3,7,8-Pentachlorodi benzo-p-dioxin	[40321-76-4]	28 ± 4	ng/g-dry		
Certified value, WHO-TE F (2005): 0,1	1,2,3,4,7,8-Hexachlorod ibenzo-p-dioxin	[39227-28-6]	39 ± 7	ng/g-dry		
Certified value, WHO-TE F (2005): 0,1	1,2,3,6,7,8-Hexachlorod ibenzo-p-dioxin	[57653-85-7]	38 ± 7	ng/g-dry		
Certified value, WHO-TE F (2005): 0,1	1,2,3,7,8,9-Hexachlorod ibenzo-p-dioxin	[19408-74-3]	49 ± 8	ng/g-dry		
Certified value, WHO-TE F (2005): 0,01	1,2,3,4,6,7,8-Heptachlo rodibenzo-p-dioxin	[35822-46-9]	250 ± 60	ng/g-dry		
Certified value, WHO-TE F (2005): 0,0003	1,2,3,4,6,7,8,9-Octachl orodibenzo-p-dioxin	[3268-87-9]	280 ± 70	ng/g-dry		
Certified value, WHO-TE F (2005): 0,1	2,3,7,8-Tetrachlorodibe nzofuran	[51207-31-9]	7,1 ± 1,7	ng/g-dry		
Certified value, WHO-TE F (2005): 0,03	1,2,3,7,8-Pentachlorodi benzofuran	[57117-41-6]	23 ± 8	ng/g-dry		
Certified value, WHO-TE F (2005): 0,3	2,3,4,7,8-Pentachlorodi benzofuran	[57117-31-4]	23 ± 5	ng/g-dry		
Certified value, WHO-TE F (2005): 0,1	1,2,3,4,7,8-Hexachlorod ibenzofuran	[55684-94-1]	43 ± 8	ng/g-dry		
Certified value, WHO-TE F (2005): 0,1	1,2,3,6,7,8-Hexachlorod ibenzofuran	[57117-44-9]	45 ± 8	ng/g-dry		
Certified value, WHO-TE F (2005): 0,1	1,2,3,7,8,9-Hexachlorod ibenzofuran	[72918-21-9]	2,9 ± 1,2	ng/g-dry		
Certified value, WHO-TE F (2005): 0,1	2,3,4,6,7,8-Hexachlorod ibenzofuran	[60851-34-5]	38 ± 9	ng/g-dry		
Certified value, WHO-TE F (2005): 0,01	1,2,3,4,6,7,8-Heptachlo rodibenzofuran	[67562-39-4]	160 ± 50	ng/g-dry		

Certified value, WHO-TE F (2005): 0,01	1,2,3,4,7,8,9-Heptachlo rodibenzofuran	[55673-89-7]	18 ± 7	ng/g-dry
Certified value, WHO-TE F (2005): 0,0003	1,2,3,4,6,7,8,9-Octachl orodibenzofuran	[39001-02-0]	63 ± 21	ng/g-dry
Certified value	TeCDDs		55 ± 8	ng/g-dry
Certified value	PeCDDs		170 ± 20	ng/g-dry
Certified value	HxCDDs		390 ± 60	ng/g-dry
Certified value	HpCDDs		420 ± 80	ng/g-dry
Certified value	1,2,3,4,6,7,8,9-Octachl orodibenzo-p-dioxin	[3268-87-9]	280 ± 70	ng/g-dry
Certified value	Total PCDDs		1300 ± 200	ng/g-dry
Certified value	TeCDFs		220 ± 30	ng/g-dry
Certified value	PeCDFs		330 ± 50	ng/g-dry
Certified value	HxCDFs		400 ± 50	ng/g-dry
Certified value	HpCDFs		260 ± 80	ng/g-dry
Certified value	OCDF		63 ± 21	ng/g-dry
Certified value	Total PCDFs		1300 ± 200	ng/g-dry
Certified value	Total (PCDDs + PCDFs)		2600 ± 400	ng/g-dry
Reference value, WHO-TE F (2005): 0,0003	3,4,4',5-Tetrachlorobip henyl (PCB 81)	[70362-50-4]	0,45	ng/g (dry)
Reference value, WHO-TE F (2005): 0,0001	3,3',4,4'-Tetrachlorobi phenyl (PCB 77)	[32598-13-3]	3,4	ng/g (dry)
Reference value, WHO-TE F (2005): 0,1	3,3',4,4',5-Pentachloro biphenyl (PCB 126)	[57465-28-8]	4,4	ng/g (dry)
Reference value, WHO-TE F (2005): 0,03	3,3',4,4',5,5'-Hexachlo robiphenyl (PCB 169)	[32774-16-6]	2,2	ng/g (dry)
Reference value	Total		0,51	ng/g (dry)
Reference value, WHO-TE F (2005): 0,00003	2',3,4,4',5-Pentachloro biphenyl (PCB 123)	[65510-44-3]	0,45	ng/g (dry)
Reference value, WHO-TE F (2005): 0,00003	2,3',4,4',5-Pentachloro biphenyl (PCB 118)	[31508-00-6]	1,7	ng/g (dry)
Reference value, WHO-TE F (2005): 0,00003	2,3,3',4,4'-Pentachloro biphenyl (PCB 105)	[32598-14-4]	2,2	ng/g (dry)
Reference value, WHO-TE F (2005): 0,00003	2,3,4,4',5-Pentachlorob iphenyl (PCB 114)	[74472-37-0]	0,15	ng/g (dry)
Reference value, WHO-TE F (2005): 0,00003	2,3',4,4',5,5'-Hexachlo robiphenyl (PCB 167)	[52663-72-6]	1,2	ng/g (dry)
Reference value, WHO-TE	2,3,3',4,4',5-Hexachlor	[38380-08-4]	1,9	ng/g (dry)

F (2005): 0,00003	obiphenyl (PCB 156)			
Reference value, WHO-TE	2,3,3',4,4',5'-Hexachlo	[69782-90-7]	1,4	ng/g (dry)
F (2005): 0,00003	robiphenyl (PCB 157)			
Reference value, WHO-TE	2,3,3',4,4',5,5'-Heptac	[39635-31-9]	2	ng/g (dry)
F (2005): 0,00003	hlorobiphenyl (PCB 189)			
Reference value	Total		11	ng/g (dry)
Reference value	Total PCBs		21	ng/g (dry)