

Bromodioxin/furan calibration standard solution [CS1-CS5] (unlabelled/¹³C12,99%) in Nonane

Art. ID CIL-EDF-5407
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
CS1	2,3,7,8-Tetrabromodiben zo-p-dioxin	[50585-41-6]	0,1	ng/mL		
CS1	1,2,3,7,8-Pentabromodib enzo-p-dioxin	[n/a]	0,2	ng/mL		
CS1	1,2,3,4,7,8-Hexabromodi benzo-p-dioxin	[n/a]	0,6	ng/mL		
CS1	1,2,3,6,7,8-Hexabromodi benzo-p-dioxin	[110999-45-6]	0,6	ng/mL		
CS1	1,2,3,7,8,9-Hexabromodi benzo-p-dioxin	[n/a]	0,6	ng/mL		
CS1	1,2,3,4,6,7,8-Heptabrom odibenzo-p-dioxin	[110999-47-8]	0,75	ng/mL		
CS1	Octabromodibenzo-p-diox in	[n/a]	1	ng/mL		
CS1	2,3,7,8-Tetrabromodiben zofuran	[n/a]	0,2	ng/mL		
CS1	2,4,6,8-Tetrabromodiben zofuran	[n/a]	0,2	ng/mL		
CS1	1,2,3,7,8-Pentabromodib enzofuran	[n/a]	0,4	ng/mL		
CS1	2,3,4,7,8-Pentabromodib enzofuran	[n/a]	0,4	ng/mL		
CS1	1,2,3,4,7,8-Hexabromodi benzofuran	[n/a]	0,6	ng/mL		
CS1	1,2,3,4,6,7,8-Heptabrom odibenzofuran	[n/a]	0,75	ng/mL		
CS1	Octabromodibenzofuran	[n/a]	1	ng/mL		
CS1	2,3,7,8-Tetrabromodiben zo-p-dioxin (¹³ C12,99%)		20	ng/mL		

CS1	1,2,3,7,8-Pentabromodibenzo-p-dioxin (13C12,99%)		20	ng/mL
CS1	1,2,3,4,7,8-Hexabromodibenzo-p-dioxin (13C12,99%)		50	ng/mL
CS1	1,2,3,6,7,8-Hexabromodibenzo-p-dioxin (13C12,99%)		50	ng/mL
CS1	1,2,3,7,8,9-Hexabromodibenzo-p-dioxin (13C12,99%)		50	ng/mL
CS1	1,2,3,4,6,7,8-Heptabromodibenzo-p-dioxin (13C12,99%)		100	ng/mL
CS1	Octabromodibenzo-p-dioxin (13C12,99%)	[161880-56-4]	150	ng/mL
CS1	2,3,7,8-Tetrabromodibenzofuran (13C12,99%)	[50585-41-6]/unlabelled	20	ng/mL
CS1	2,4,6,8-Tetrabromodibenzofuran (13C12,99%)	[n/a]	20	ng/mL
CS1	1,2,3,7,8-Pentabromodibenzenzofuran (13C12,99%)		20	ng/mL
CS1	2,3,4,7,8-Pentabromodibenzenzofuran (13C12,99%)	[n/a]	20	ng/mL
CS1	1,2,3,4,7,8-Hexabromodibenzenzofuran (13C12,99%)	[n/a]	50	ng/mL
CS1	1,2,3,4,6,7,8-Heptabromodibenzenzofuran (13C12,99%)	[n/a]	100	ng/mL
CS1	Octabromodibenzenzofuran (13C12,99%)		150	ng/mL
CS2	2,3,7,8-Tetrabromodibenzo-p-dioxin	[50585-41-6]	0,4	ng/mL
CS2	1,2,3,7,8-Pentabromodibenzo-p-dioxin	[n/a]	0,8	ng/mL
CS2	1,2,3,4,7,8-Hexabromodibenzo-p-dioxin	[n/a]	2,4	ng/mL

CS2	1,2,3,6,7,8-Hexabromodi benzo-p-dioxin	[110999-45-6]	2,4	ng/mL
CS2	1,2,3,7,8,9-Hexabromodi benzo-p-dioxin	[n/a]	2,4	ng/mL
CS2	1,2,3,4,6,7,8-Heptabrom odibenzo-p-dioxin	[110999-47-8]	3	ng/mL
CS2	Octabromodibenzo-p-diox in	[n/a]	4	ng/mL
CS2	2,3,7,8-Tetrabromodiben zofuran	[n/a]	0,8	ng/mL
CS2	2,4,6,8-Tetrabromodiben zofuran	[n/a]	0,8	ng/mL
CS2	1,2,3,7,8-Pentabromodib enzofuran	[n/a]	1,6	ng/mL
CS2	2,3,4,7,8-Pentabromodib enzofuran	[n/a]	1,6	ng/mL
CS2	1,2,3,4,7,8-Hexabromodi benzofuran	[n/a]	2,4	ng/mL
CS2	1,2,3,4,6,7,8-Heptabrom odibenzofuran	[n/a]	3	ng/mL
CS2	Octabromodibenzofuran	[n/a]	4	ng/mL
CS2	2,3,7,8-Tetrabromodiben zo-p-dioxin (13C12,99%)		20	ng/mL
CS2	1,2,3,7,8-Pentabromodib enzo-p-dioxin (13C12,99 %)		20	ng/mL
CS2	1,2,3,4,7,8-Hexabromodi benzo-p-dioxin (13C12,9 9%)		50	ng/mL
CS2	1,2,3,6,7,8-Hexabromodi benzo-p-dioxin (13C12,9 9%)		50	ng/mL
CS2	1,2,3,7,8,9-Hexabromodi benzo-p-dioxin (13C12,9 9%)		50	ng/mL
CS2	1,2,3,4,6,7,8-Heptabrom odibenzo-p-dioxin (13C1 2,99%)		100	ng/mL

CS2	Octabromodibenzo-p-dioxin (13C12,99%)	[161880-56-4]	150	ng/mL
CS2	2,3,7,8-Tetrabromodibenzofuran (13C12,99%)	[50585-41-6]/unlabelled	20	ng/mL
CS2	2,4,6,8-Tetrabromodibenzofuran (13C12,99%)	[n/a]	20	ng/mL
CS2	1,2,3,7,8-Pentabromodibenzofuran (13C12,99%)		20	ng/mL
CS2	2,3,4,7,8-Pentabromodibenzofuran (13C12,99%)	[n/a]	20	ng/mL
CS2	1,2,3,4,7,8-Hexabromodibenzofuran (13C12,99%)	[n/a]	50	ng/mL
CS2	1,2,3,4,6,7,8-Heptabromodibenzofuran (13C12,99%)	[n/a]	100	ng/mL
CS2	Octabromodibenzofuran (13C12,99%)		150	ng/mL
CS3	2,3,7,8-Tetrabromodibenzo-p-dioxin	[50585-41-6]	2	ng/mL
CS3	1,2,3,7,8-Pentabromodibenzo-p-dioxin	[n/a]	4	ng/mL
CS3	1,2,3,4,7,8-Hexabromodibenzo-p-dioxin	[n/a]	12	ng/mL
CS3	1,2,3,6,7,8-Hexabromodibenzo-p-dioxin	[110999-45-6]	12	ng/mL
CS3	1,2,3,7,8,9-Hexabromodibenzo-p-dioxin	[n/a]	12	ng/mL
CS3	1,2,3,4,6,7,8-Heptabromodibenzo-p-dioxin	[110999-47-8]	15	ng/mL
CS3	Octabromodibenzo-p-dioxin	[n/a]	20	ng/mL
CS3	2,3,7,8-Tetrabromodibenzofuran	[n/a]	4	ng/mL
CS3	2,4,6,8-Tetrabromodibenzofuran	[n/a]	4	ng/mL
CS3	1,2,3,7,8-Pentabromodibenzofuran	[n/a]	8	ng/mL
CS3	2,3,4,7,8-Pentabromodibenzofuran	[n/a]	8	ng/mL

	enzofuran			
CS3	1,2,3,4,7,8-Hexabromodi	[n/a]	12	ng/mL
	benzofuran			
CS3	1,2,3,4,6,7,8-Heptabrom	[n/a]	15	ng/mL
	odibenzofuran			
CS3	Octabromodibenzofuran	[n/a]	20	ng/mL
CS3	2,3,7,8-Tetrabromodiben		20	ng/mL
	zo-p-dioxin (13C12,99%)			
CS3	1,2,3,7,8-Pentabromodib		20	ng/mL
	enzo-p-dioxin (13C12,99 %)			
CS3	1,2,3,4,7,8-Hexabromodi		50	ng/mL
	benzo-p-dioxin (13C12,9 9%)			
CS3	1,2,3,6,7,8-Hexabromodi		50	ng/mL
	benzo-p-dioxin (13C12,9 9%)			
CS3	1,2,3,7,8,9-Hexabromodi		50	ng/mL
	benzo-p-dioxin (13C12,9 9%)			
CS3	1,2,3,4,6,7,8-Heptabrom		100	ng/mL
	odibenzo-p-dioxin (13C1 2,99%)			
CS3	Octabromodibenzo-p-diox	[161880-56-4]	150	ng/mL
	in (13C12,99%)			
CS3	2,3,7,8-Tetrabromodiben	[50585-41-6]/un	20	ng/mL
	zofuran (13C12,99%)	labelled		
CS3	2,4,6,8-Tetrabromodiben	[n/a]	20	ng/mL
	zofuran (13C12,99%)			
CS3	1,2,3,7,8-Pentabromodib		20	ng/mL
	enzofuran (13C12,99%)			
CS3	2,3,4,7,8-Pentabromodib	[n/a]	20	ng/mL
	enzofuran (13C12,99%)			
CS3	1,2,3,4,7,8-Hexabromodi	[n/a]	50	ng/mL
	benzofuran (13C12,99%)			
CS3	1,2,3,4,6,7,8-Heptabrom	[n/a]	100	ng/mL
	odibenzofuran (13C12,99 %)			

CS3	Octabromodibenzofuran (13C12,99%)		150	ng/mL
CS4	2,3,7,8-Tetrabromodibenzo-p-dioxin	[50585-41-6]	10	ng/mL
CS4	1,2,3,7,8-Pentabromodibenzo-p-dioxin	[n/a]	20	ng/mL
CS4	1,2,3,4,7,8-Hexabromodibenzo-p-dioxin	[n/a]	60	ng/mL
CS4	1,2,3,6,7,8-Hexabromodibenzo-p-dioxin	[110999-45-6]	60	ng/mL
CS4	1,2,3,7,8,9-Hexabromodibenzo-p-dioxin	[n/a]	60	ng/mL
CS4	1,2,3,4,6,7,8-Heptabromodibenzo-p-dioxin	[110999-47-8]	75	ng/mL
CS4	Octabromodibenzo-p-dioxin	[n/a]	100	ng/mL
CS4	2,3,7,8-Tetrabromodibenzofuran	[n/a]	20	ng/mL
CS4	2,4,6,8-Tetrabromodibenzofuran	[n/a]	20	ng/mL
CS4	1,2,3,7,8-Pentabromodibenzofuran	[n/a]	40	ng/mL
CS4	2,3,4,7,8-Pentabromodibenzofuran	[n/a]	40	ng/mL
CS4	1,2,3,4,7,8-Hexabromodibenzofuran	[n/a]	60	ng/mL
CS4	1,2,3,4,6,7,8-Heptabromodibenzofuran	[n/a]	75	ng/mL
CS4	Octabromodibenzofuran	[n/a]	100	ng/mL
CS4	2,3,7,8-Tetrabromodibenzo-p-dioxin (13C12,99%)		20	ng/mL
CS4	1,2,3,7,8-Pentabromodibenzo-p-dioxin (13C12,99%)		20	ng/mL
CS4	1,2,3,4,7,8-Hexabromodibenzo-p-dioxin (13C12,99%)		50	ng/mL
CS4	1,2,3,6,7,8-Hexabromodibenzo-p-dioxin		50	ng/mL

	benzo-p-dioxin (13C12,9 9%)			
CS4	1,2,3,7,8,9-Hexabromodi benzo-p-dioxin (13C12,9 9%)		50	ng/mL
CS4	1,2,3,4,6,7,8-Heptabrom odibenzo-p-dioxin (13C1 2,99%)		100	ng/mL
CS4	Octabromodibenzo-p-diox in (13C12,99%)	[161880-56-4]	150	ng/mL
CS4	2,3,7,8-Tetrabromodiben zofuran (13C12,99%)	[50585-41-6]/un labelled	20	ng/mL
CS4	2,4,6,8-Tetrabromodiben zofuran (13C12,99%)	[n/a]	20	ng/mL
CS4	1,2,3,7,8-Pentabromodib enzofuran (13C12,99%)		20	ng/mL
CS4	2,3,4,7,8-Pentabromodib enzofuran (13C12,99%)	[n/a]	20	ng/mL
CS4	1,2,3,4,7,8-Hexabromodi benzofuran (13C12,99%)	[n/a]	50	ng/mL
CS4	1,2,3,4,6,7,8-Heptabrom odibenzofuran (13C12,99 %)	[n/a]	100	ng/mL
CS4	Octabromodibenzofuran (13C12,99%)		150	ng/mL
CS5	2,3,7,8-Tetrabromodiben zo-p-dioxin	[50585-41-6]	50	ng/mL
CS5	1,2,3,7,8-Pentabromodib enzo-p-dioxin	[n/a]	100	ng/mL
CS5	1,2,3,4,7,8-Hexabromodi benzo-p-dioxin	[n/a]	300	ng/mL
CS5	1,2,3,6,7,8-Hexabromodi benzo-p-dioxin	[110999-45-6]	300	ng/mL
CS5	1,2,3,7,8,9-Hexabromodi benzo-p-dioxin	[n/a]	300	ng/mL
CS5	1,2,3,4,6,7,8-Heptabrom odibenzo-p-dioxin	[110999-47-8]	375	ng/mL
CS5	Octabromodibenzo-p-diox	[n/a]	500	ng/mL

	in			
CS5	2,3,7,8-Tetrabromodiben zofuran	[n/a]	100	ng/mL
CS5	2,4,6,8-Tetrabromodiben zofuran	[n/a]	100	ng/mL
CS5	1,2,3,7,8-Pentabromodib enzofuran	[n/a]	200	ng/mL
CS5	2,3,4,7,8-Pentabromodib enzofuran	[n/a]	200	ng/mL
CS5	1,2,3,4,7,8-Hexabromodi benzofuran	[n/a]	300	ng/mL
CS5	1,2,3,4,6,7,8-Heptabrom odibenzofuran	[n/a]	375	ng/mL
CS5	Octabromodibenzofuran	[n/a]	500	ng/mL
CS5	2,3,7,8-Tetrabromodiben zo-p-dioxin (13C12,99%)		20	ng/mL
CS5	1,2,3,7,8-Pentabromodib enzo-p-dioxin (13C12,99 %)		20	ng/mL
CS5	1,2,3,4,7,8-Hexabromodi benzo-p-dioxin (13C12,9 9%)		50	ng/mL
CS5	1,2,3,6,7,8-Hexabromodi benzo-p-dioxin (13C12,9 9%)		50	ng/mL
CS5	1,2,3,7,8,9-Hexabromodi benzo-p-dioxin (13C12,9 9%)		50	ng/mL
CS5	1,2,3,4,6,7,8-Heptabrom odibenzo-p-dioxin (13C1 2,99%)		100	ng/mL
CS5	Octabromodibenzo-p-diox in (13C12,99%)	[161880-56-4]	150	ng/mL
CS5	2,3,7,8-Tetrabromodiben zofuran (13C12,99%)	[50585-41-6]/un labelled	20	ng/mL
CS5	2,4,6,8-Tetrabromodiben zofuran (13C12,99%)	[n/a]	20	ng/mL
CS5	1,2,3,7,8-Pentabromodib		20	ng/mL

	enzofuran (13C12,99%)			
CS5	2,3,4,7,8-Pentabromodib	[n/a]	20	ng/mL
	enzofuran (13C12,99%)			
CS5	1,2,3,4,7,8-Hexabromodi	[n/a]	50	ng/mL
	benzofuran (13C12,99%)			
CS5	1,2,3,4,6,7,8-Heptabrom	[n/a]	100	ng/mL
	odibenzofuran (13C12,99%)			
CS5	Octabromodibenzofuran (150	ng/mL
	13C12,99%)			