


공정시험기준

STANDARD

ODLAB


토양오염공정시험기준

KS I ISO 11466:2008 따른 왕수추출법에 따른 인증표준물질과 숙련도평가물질(PT) 포함

시험항목		Part No	Conc.	Matix	Unit	CRM	PT
불소(F)		VHG-IF1K-100	1000µg/mL	NaF, H2O	100 mL	-	-
시안(CN)		VHG-CN-100	1000µg/mL	0.1% NaOH	100 mL	BAM-U114(66g)	LGCPT-3b(150g)
금속류	구리	VHG-PCUN-100	1000µg/mL	5% HNO3	100 mL	BAM-U113(40g) BAM-U110(70g) BAMU112A(55g)	LGCPT-14(100g)
	납	VHG-PPBN-100	1000µg/mL	5% HNO3	100 mL		
	니켈	VHG-PNIN-100	1000µg/mL	5% HNO3	100 mL		
	비소	VHG-PASN-100	1000µg/mL	5% HNO3	100 mL		
	아연	VHG-PZNN-100	1000µg/mL	5% HNO3	100 mL		
	카드뮴	VHG-PCDN-100	1000µg/mL	5% HNO3	100 mL		
	수은	VHG-PHGN-100	1000µg/mL	5% HNO3	100 mL		
6가 크롬		VHG-PCR6W-100	1000µg/mL	H2O	100 mL	CRM041-030(30g)	LGCPT-13a(30g)
유기인화합물 (Diazinon, Ethion, Malathion, rathion-ethyl)		L18000002CY	10 µg/mL	Cyclohexane	10 mL	-	-

Benzo(a)pyrene		XA20635000AL	100 ng/µl	Acetonitrile	1 mL	BCR-524(40g)	LGCPT-3c(70g)
Chrysene D12		L 20670100AL	10 ng/µl	Acetonitrile	10 mL	-	
Pyrene D10		XA20930100AC	100 ng/µl	Acetone	1 mL	-	
석유계(TPH-C8~C40)		DRH-FTRPH	500 µg/mL	Hexane	1 mL	CRM373-100(100g)	
o-Terphenyl		U-IST-480-1	2000 µg/mL	Methylene chloride	1 mL	-	-
n-Nonatriacontane		C 15624500	C 15624500	certified	20 mg	-	-
페놀 및 펜타클로 페놀	Phenol	XA16025000ME	100 ng/µl	Methanol	1 mL	CRM112-100(100g)	LGCPT-3c(70g)
	Phntachlorophenol	XA15970000ME	100 ng/µl	Methanol	1 mL	ERM-CC008(30g)	-
PCBs	Aroclor 1242	YA20124200CY	1000 ng/µl	Cyclohexane	1 mL	BCR-481(25g)	LGCPT-3c(70g)
	Aroclor 1248	YA20124800CY	1000 ng/µl	Cyclohexane	1 mL		
	Aroclor 1254	YA20125400CY	1000 ng/µl	Cyclohexane	1 mL		
	Aroclor 1260	YA20126000CY	1000 ng/µl	Cyclohexane	1 mL		
PCB No. 209		XA20020900IO	100 ng/µl	Isooctane	1 mL		
VOCs	BTEX (Benzene, Ethylbenzene, Toluene, m&p-Xylene, o-Xylene)	CERERB-039S	100 µg/mL	Methanol	1.2 mL	CRM501-030(30g)	-
	TCE / PCE	S-7657-R1	100 µg/mL	-	-	CRM608-025(25g)	-
	BTEX, TCE & PCE	S-12193-0.1X	100 µg/mL	-	-	-	-
[I.S] Fluorobenzene		YA13781000ME	2000 ng/µl	Methanol	1 mL	-	-
[S.S] a,a,a-Trifluorotoluene		YA17846000ME	2000 ng/µl	Methanol	1 mL	-	-

먹는물공정시험기준

*** 2012. 7 먹는물수질공정시험기준 개정**

일반항목	Part No	Conc.	Unit	CRM	PT
수소이온농도	QC1121-4-100ML QC1127-7-100ML QC1117-10-100ML	pH 4 pH 7 pH 10	100 mL	ERM-CA616(95mL)	LGCPT-1A(500ml)
탁도	TURB500-100ML	500 NTU	100 mL	QC3342-500ML	PE1342-2ML
경도	THRD1000-100ML	1000 μg/mL	100 mL	ERM-CA010a(250mL)	LGCPT-1S(2x1L)
음이온계면활성제	MBAS100-100ML	100 μg/mL	100 mL	QC1337-20ML	PE1337-20ML
잔류염소	VHG-QWPRCL-2	0.5-3 mg/L	2 mL	QC1450-2ML	PE1450-2ML
페놀	XA16025000ME	100 ng/μl	1 mL	-	LGCPT-6B(1x2L)

이온류	Part No	Conc.	Matix	Unit	CRM	PT
불소이온	VHG-IF1K-100	1000μg/mL	H2O	100 mL	NWBIGMOOSE-02 (500mL)	LGCPT-1S(2x1L)
황산이온	VHG-ISO41K-100	1000μg/mL	H2O	100 mL		
염소이온	VHG-ICL1K-100	1000μg/mL	H2O	100 mL		
암모니아성질소	VHG-INH41K-100	1000μg/mL	H2O	100 mL	-	-
질산성질소	VHG-INO3N-100	1000μg/mL	H2O	100 mL	NWBIGMOOSE-02(500mL)	-
시안	VHG-CN-100	1000μg/mL	0.1% NaOH	100 mL	QC1573-2ML	PE1573-2ML
브론산염	VHG-IBRO3-100	1000μg/mL	H2O	100 mL	BCR-611,612(4x25mL)	LGCPT-3A(4x30ml)

금속류	Part No	Conc.	Matix	Unit	CRM	PT
구리	VHG-LCUN-100	10μg/mL	2% HNO3	100 mL	ERM-CA022 (250mL)	LGCPT-5B(500ml)
납	VHG-LPBN-100	10μg/mL	2% HNO3	100 mL		
망간	VHG-LMNN-100	10μg/mL	2% HNO3	100 mL		LGCPT-4G(500ml)
비소	VHG-LASN-100	10μg/mL	2% HNO3	100 mL		LGCPT-5A(500ml)
보론	VHG-LBW-100	10μg/mL	H2O	100 mL	ERM-CA011 (250mL)	LGCPT-4G(500ml)
셀레늄	VHG-LSEN-100	10μg/mL	2% HNO3	100 mL		LGCPT-5A(500ml)
스트론튬	VHG-LSRN-100	10μg/mL	5% HNO3	100 mL		LGCPT-4G(500ml)
아연	VHG-LZNN-100	10μg/mL	2% HNO3	100 mL	ERM-CA022 (250mL)	LGCPT-5B(500ml)
알루미늄	VHG-LALN-100	10μg/mL	2% HNO3	100 mL		LGCPT-4G(500ml)
철	VHG-PFEN-100	1000μg/mL	5% HNO3	100 mL		
카드뮴	VHG-LCDN-100	10μg/mL	2% HNO3	100 mL		LGCPT-5B(500ml)
크롬	VHG-LCRN-100	10μg/mL	2% HNO3	100 mL		
수은	VHG-LHGN-100	10μg/mL	5% HNO3	100 mL	NIST-1641d(10x10mL)	
이트륨	VHG-LYN-100	10μg/mL	2% HNO3	100 mL	-	-
스칸듐	VHG-LSCN-100	10μg/mL	2% HNO3	100 mL	-	-
인듐	VHG-LINN-100	10μg/mL	2% HNO3	100 mL	-	-
터비듐	VHG-LTBN-100	10μg/mL	2% HNO3	100 mL	-	-
비스무스	VHG-LBIN-100	10μg/mL	2% HNO3	100 mL	-	-

*** 2012. 10 먹는물 수질감시항목 추가 (Microcystin)**

Microcystin	Part No	Conc.	Matix	Unit	CRM	PT
Microcystin-LR	MCLR-A	10 μg/mL	Methanol	1 mL	-	-
Microcystin-YR	MCYR-A	10 μg/mL	Methanol	1 mL	-	-
Microcystin-RR	MCRR-A	10 μg/mL	Methanol	1 mL	-	-
Microcystin-LA	-	-	-	-	-	-
Microcystin-Mixture (LR,YR,RR)	MC-MAS	5 μg/mL	Methanol	1 mL	-	-
[I.S] Gramicidin-S	-	-	-	-	-	-

먹는물공정시험기준

일반항목		Part No	Conc.	Matix	Unit	CRM	PT
유기인	다이아지논	XA12210000AL	100 ng/μl	Acetonitrile	1 mL	-	-
	파라티온	XA15880000AL	100 ng/μl	Acetonitrile	1 mL	-	-
	페니트로티온	XA13480000AL	100 ng/μl	Acetonitrile	1 mL	-	-
[I.S] 트리페닐포스페이트		XA17893000MB	500 μg/ml	Methyl-tert. butyl ether	1 mL	-	-
카바릴		XA10980000CY	100 ng/μl	Cyclohexane	1 mL	-	-
4-Bromo-3,5-dimethylphenyl-Nmethylcarbamate		C 10727000	certified	-	0.1g	-	-
염소소독부산물	클로랄하이드레이트	YA11098000AL	1000 ng/μl	Acetonitrile	1 mL	-	-
	디브로모아세토니트릴	L 12216500MB	10 ng/μl	Methyl-tert. butyl ether	10 mL	-	-
	디클로로아세토니트릴	XA12321000CY	100 ng/μl	Cyclohexane	1 mL	-	-
	트리클로로아세토니트릴	XA17688000ME	100 ng/μl	Methanol	1 mL	-	-
	1,2-디브로모-3-클로로프로판	YA12235000ME	2000 ng/μl	Methanol	1 mL	-	-
[I.S] 브로모플루오로벤젠		XA10731000ME	100 ng/μl	Methanol	1 mL	-	-
[I.S] 데카플루오로비페닐		YA12092500MB	2000 ng/μl	Methyl-tert. butyl ether	1 mL	-	-
HAA	디클로로아세틱에시드	YA12320000MB	1000 ng/μl	Methyl-tert. butyl ether	1 mL	-	-
	트리클로로아세틱 acid	YA17683500MB	1000 ng/μl	Methyl-tert. butyl ether	1 mL	-	-
	디브로모아세틱 acid	YA12216000MB	1000 ng/μl	Methyl-tert. butyl ether	1 mL	-	-
[I.S] 1,2,3-트리클로로프로판		XA17780000ME	100 ng/μl	Methanol	1 mL	-	-
[I.S] 2-브로모부타노익 acid		U-PPS-430-1	1000 μg/mL	Methyl ter butyl ether	1 mL	-	-
휘발성유기화합물		**Part No**	**Conc.**	**Matix**	**Unit**	**CRM**	**PT**
디클로로메탄		XA12424500ME	100 ng/μl	Methanol	1 mL	CIL-ES-2032	PE1358-1KT
벤젠		XA10535000ME	100 ng/μl	Methanol	1 mL		
톨루엔		XA17594000ME	100 ng/μl	Methanol	1 mL		
에틸벤젠		XA13320000CY	100 ng/μl	Cyclohexane	1 mL		
o-Xylene		XA17945000ME	100 ng/μl	Methanol	1 mL		
m-Xylene		XA17945100ME	100 ng/μl	Methanol	1 mL		
p-Xylene		YA17945200ME	5000 ng/μl	Methanol	1 mL		
1,1,1-트리크로로에탄		XA17738300ME	100 ng/μl	Methanol	1 mL		
트리클로로에틸렌		XA17739300ME	100 ng/μl	Methanol	1 mL		
테트라크로로에틸렌		XA17358300ME	100 ng/μl	Methanol	1 mL		
1,1-디클로로에틸렌		XA12422400ME	100 ng/μl	Methanol	1 mL		
사염화탄소		XA17359500ME	100 ng/μl	Methanol	1 mL		
총트리할로메탄	클로로포름	XA17739500ME	100 ng/μl	Methanol	1 mL	QC1456-2ML	PE1456-2ML
	브로모디클로로메탄	XA10726700ME	100 ng/μl	Methanol	1 mL		
	디브로모클로로메탄	XA12234700ME	100 ng/μl	Methanol	1 mL		
	브로모포름	XA17665500ME	100 ng/μl	Methanol	1 mL		
[I.S] 플루오로벤젠		YA13781000ME	2000 ng/μl	Methanol	1 mL	-	-
[I.S] 1,2-다이클로로벤젠-d4		YA12370100ME	2000 ng/μl	Methanol	1 mL	-	-
1,4-다이옥산		CIL-DLM-28-SM-1.2	1 mg/mL	Methanol	1.2 mL	-	-
[I.S] 1,4-다이옥산-d8		CIL-DLM-28-SM-1.2	1 mg/mL	Methanol	1.2 mL	-	-
1-클로로-2-브로모프로페인		YA10722200ME	2000 ng/μl	Methanol	1 mL	-	-

먹는물공정시험기준

* 2013. 11 먹는물수질공정시험기준 개정

유기물질		Part No	Conc.	Matix	Unit
포름알데히드	포름알데히드	ICS045-100ML	1000 µg/mL	Water	100 mL
	Formaldehyde-DNPH	XA13909200AL	100 ng/µl	Acetonitrile	1 mL
	PFBHA	M-556-DER-10ML	15.0 mg/mL	Water	10 mL
	[I.S] 1,2-디브로모프로판	U-PPS-400-1	10000 µg/mL	Hexane	1 mL

Disinfection By-products (소독부산물)	Part No	Conc.	Matix	Unit
Dibromoacetonitrile	U-HCM-551B-1 (EPA Method 551.1)	5000 µg/mL	Acetone	1 mL
Dichloroacetonitrile				
Trichloroacetonitrile				
1,2-Dibromo-3-chloropropane (제외)				
Chloral Hydrate				

Pesticide Mix	Part No	Conc.	Matix	Unit
Diazinon	L 18000064CY	10 ng/µl	Cyclohexane	10 mL
Fenitrothion				
Malathion				

수질공정시험기준

일반항목	Part No	Conc.	Matix	Unit	CRM	PT
수소이온농도	QC1121-4-100ML QC1127-7-100ML QC1117-10-100ML	pH 4 pH 7 pH 10	-	100 mL	ERM-CA616(95mL)	LGCPT-1A(500ml)
탁도	TURB500-100ML	500 NTU	-	100 mL	QC3081-500ML	PE1081-20ML
색도	CLR100-100ML	100 Pt-Co Units	-	100 mL	QC1126-20ML	PE1126-20ML
노말헥산 추출물질	OG100-250ML	100µg/mL	-	250 mL	-	-
부유물질	TSS1000-100ML	1000µg/mL	-	100 mL	-	-
생물화학적 산소요구량	VHG-BOD200-100	200mg/L	H_2O, tr. HCl	100 mL	-	-
화학적 산소요구량	VHG-COD1K-100	500µg/mL	H_2O, 0.5% H_2SO_4	100 mL	-	-
잔류염소	VHG-QWPRCL-2	0.5-3 mg/L	-	2 mL	QC1065-2ML	PE1065-2ML
전기전도도	COND1412-500ML	1412 µmhos/cm	-	500 mL	-	-
총 유기탄소	VHG-TOC1K-100	1000µg/mL	H_2O	100 Ml	-	-

이온류	Part No	Conc.	Matix	Unit	CRM	PT
불소이온	VHG-IF1K-100	1000µg/mL	H_2O	100 mL	QC3162-500ML	PE3162-500ML
염소이온	VHG-ICL1K-100	1000µg/mL	H_2O	100 mL	-	-
황산이온	VHG-ISO41K-100	1000µg/mL	H_2O	100 mL	-	-
브롬이온	VHG-INH41K-100	1000µg/mL	H_2O	100 mL	-	-
음이온계명활성제	VHG-MBAS-100	1000µg/mL	H_2O, tr. H_2SO_4	100 mL	QC1144-20ML	PE1144-20ML
퍼클로레이트	VHG-ICLO4-100	1000µg/mL	$NaClO_4$, H_2O	100 mL	-	-
시안	VHG-CN-100	1000µg/mL	0.1% NaOH	100 mL	QC3054-500ML	PE1054-2ML
아질산성질소	VHG-INO2N-100	1000µg/mL	$NaNO_2$, H_2O	100 mL	QC1195-20ML	PE1195-20ML
암모니아성질소	ICS026-100ML	1000 µg/mL	H_2O	100 mL		
질산성질소	VHG-INO3N-100	1000µg/mL	H_2O	100 mL		
인삼염인	VHG-IPO4P-100	1000µg/mL	KH_2PO_4, H_2O	100 mL		
총인	VHG-IPO4P-100	1000µg/mL	KH_2PO_4, H_2O	100 mL	QC1051-2ML	PE1195-20ML
총질소	VHG-TOTKJN1K-100	1000µg/mL	1% HCl	100 mL		
페놀류	VHG-QWPPHEN-2	0.06-5mg/L	-	2 mL	QC3134-500ML	PE3134-500ML

금속류	Part No	Conc.	Matix	Unit	CRM	PT
구리	VHG-LCUN-100	10µg/mL	2% HNO_3	100 mL	QC1132-20ML QC1458-20ML (Hg : QC1129-20ML)	PE1132-20ML PE1052-20ML (Hg : PE1129-20ML)
납	VHG-LPBN-100	10µg/mL	2% HNO_3	100 mL		
니켈	VHG-LNIN-100	10µg/mL	2% HNO_3	100 mL		
망간	VHG-LMNN-100	10µg/mL	2% HNO_3	100 mL		
바륨	VHG-LBAN-100	10µg/mL	2% HNO_3	100 mL		
비소	VHG-LASN-100	10µg/mL	2% HNO_3	100 mL		
셀레늄	VHG-LSEN-100	10µg/mL	2% HNO_3	100 mL		
수은	VHG-LHGN-100	10µg/mL	5% HNO_3	100 mL		
아연	VHG-LZNN-100	10µg/mL	2% HNO_3	100 mL		
알루미늄	VHG-LALN-100	10µg/mL	2% HNO_3	100 mL		
철	VHG-PFEN-100	1000µg/mL	5% HNO_3	100 mL		
카드뮴	VHG-LCDN-100	10µg/mL	2% HNO_3	100 mL		
크롬	VHG-LCRN-100	10µg/mL	2% HNO_3	100 mL		
스트론튬	VHG-LSRN-100	10µg/mL	5% HNO_3	100 mL		
이트륨	VHG-LYN-100	10µg/mL	2% HNO_3	100 mL		
스칸듐	VHG-LSCN-100	10µg/mL	2% HNO_3	100 mL		
인듐	VHG-LINN-100	10µg/mL	2% HNO_3	100 mL		
터비듐	VHG-LTBN-100	10µg/mL	2% HNO_3	100 mL		
비스무스	VHG-LBIN-100	10µg/mL	2% HNO_3	100 mL		

수질공정시험기준

일반항목		Part No	Conc.	Matix	Unit	CRM	PT
유기인	다이아지논	XA12210000AL	100 ng/µl	Acetonitrile	1 mL	-	-
	파라티온	XA15880000AL	100 ng/µl	Acetonitrile	1 mL	-	-
	EPN	XA13180000AL	100 ng/µl	Acetonitrile	1 mL	-	-
	메틸디메톤	XA12143000AL	100 ng/µl	Acetonitrile	1 mL	-	-
	페톤에이트	XA16050000IO	100 ng/µl	Iso-Octane	1 mL	-	-
석유계총탄화수소C8~C40 (TPH)		DRH-FTRPH	500 µg/mL	Hexane	1 mL	-	-
디에틸헥실프탈레이트		L 16173000CY	10 ng/µl	Cyclohexane	10 mL	-	-
[I.S] 디에틸헥실프탈레이트-d4		XA16173010CY	100 ng/µl	Cyclohexane	1 mL	-	-
[I.S] 플루오란센-d10		1337.16-K-T	1.0 mg/ml	Toluene	1 mL	-	-
PCB	Aroclor 1242	YA20124200CY	1000 ng/µl	Cyclohexane	1 mL	QC1033-2ML	PE1033-2ML
	Aroclor 1248	YA20124800CY	1000 ng/µl	Cyclohexane	1 mL		
	Aroclor 1254	YA20125400CY	1000 ng/µl	Cyclohexane	1 mL		
	Aroclor 1260	YA20126000CY	1000 ng/µl	Cyclohexane	1 mL		

일반항목	Part No	Conc.	Matix	Unit	CRM	PT
1,1-디클로로에틸렌	XA12422400ME	100 ng/µl	Methanol	1 mL	QC1086-1KT (QC1250-2ML +QC1251-2ML +QC1202-2ML +QC1278-2ML)	PE1043-1.2ML
다이클로로메탄	XA12424500ME	100 ng/µl	Methanol	1 mL		
클로로폼	XA17739500ME	100 ng/µl	Methanol	1 mL		
1,1,1-트리크로로에탄	XA17738300ME	100 ng/µl	Methanol	1 mL		
o-Xylene	XA17945000ME	100 ng/µl	Methanol	1 mL		
m-Xylene	XA17945100ME	100 ng/µl	Methanol	1 mL		
p-Xylene	YA17945200ME	5000 ng/µl	Methanol	1 mL		
1,2-다이클로로에탄	XA12422200ME	100 ng/µl	Methanol	1 mL		
테트라클로로에틸렌	XA17358300ME	100 ng/µl	Methanol	1 mL		
사염화탄소	XA17359500ME	100 ng/µl	Methanol	1 mL		
트리클로로에틸렌	XA17739300ME	100 ng/µl	Methanol	1 mL		
벤젠	XA10535000ME	100 ng/µl	Methanol	1 mL		
톨루엔	XA17594000ME	100 ng/µl	Methanol	1 mL		
에틸벤젠	XA13320000CY	100 ng/µl	Cyclohexane	1 mL		
염화비닐	YA17923000ME	1000 ng/µl	Methanol	1 mL		
아크릴니트릴	YA10045500ME	5000 ng/µl	Methanol	1 mL		
브로모포름	XA17665500ME	100 ng/µl	Methanol	1 mL		
{I.S] 플루오로벤젠	YA13781000ME	2000 ng/µl	Methanol	1 mL	-	-
{I.S] 클로로벤젠-d5	U-STS-300-1	2000 ng/µl	Methanol	1 mL	-	-
{I.S] 1,4-디클로로벤젠-d4	YA12372100ME	2000 ng/µl	Methanol	1 mL	-	-
1,4-다이옥산	CIL-DLM-28-SM-1.2	1 mg/mL	Methanol	1.2 mL	-	-
[I.S] 1,4-다이옥산-d8	CIL-DLM-28-SM-1.2	1 mg/mL	Methanol	1.2 mL	-	-
[I.S] 1-클로로-2-브로모프로판	YA10722200ME	2000 ng/µl	Methanol	1 mL	-	-

▶Method 552 (Haloacetic Acid, 8종 mixture)

・ M-552A-R (1.0mg/mL in MtBE) ・ M-552-R (1.0mg/mL in MtBE)

수질공정시험기준

감사항목(성분명)	Part No	Conc.	Matix	Unit
Vinyl Chloride	YA17923000ME	1000 ng/μl	Methanol	1 mL
Styrene	XA16982000ME	100 ng/μl	Methanol	1 mL
Chloroethane	XA11409000ME	100 ng/μl	Methanol	1 mL
Chlorophenol	XA11470000ME	100 ng/μl	Methanol	1 mL
2,4-Dichlorophenol	XA12451000ME	100 ng/μl	Methanol	1 mL
2,4,6-Trichlorophenol	XA17774600ME	100 ng/μl	Methanol	1 mL
Pentachlorophenol	XA15970000ME	100 ng/μl	Methanol	1 mL
1,2-Dibromoethane	XA12240000ME	100 ng/μl	Methanol	1 mL
Bromochloroacetonitrile	XA10715000ME	100 ng/μl	Methanol	1 mL
2,4-D	XA11940000AL	100 ng/μl	Acetonitrile	1 mL
[I.S] 2,4-DCNB	L 12432400CY	10 ng/μl	Cyclohexane	10 mL
Alachlor	XA10060000ME	100 ng/μl	Methanol	1 mL
[I.S] 2,4-DCNB	XA11940000AL	100 ng/μl	Acetonitrile	1 mL
[I.S] Triphenylphosphate	XA17893000MB	500 ng/μl	Methyl-tert. butyl ether	1 mL
Uranium	VHG-LUN-100	10 μg/mL	5% HNO3	100 mL
Monobromoacetic acid	YA10697000MB	1000 ng/μl	Methyl-tert. butyl ether	1 mL
Dibromoacetic acid	YA12216000MB	1000 ng/μl	Methyl-tert. butyl ether	1 mL
Monochloroacetic acid	YA11348500MB	1000 ng/μl	Methyl-tert. butyl ether	1 mL
Di(2-ethylhexyl)phthalate	L 16173000CY	10 ng/μl	Cyclohexane	10 mL
Di(2-ethylhexyl)adipate	XA10046000AC	100 ng/μl	Acetone	1 mL
[I.S] Fluoranthene-d10	1337.16-K-T	1.0 mg/ml	Toluene	1 mL
Benzo(a)pyrene	XA20635000AL	100 ng/μl	Acetonitrile	1 mL
Antimony	VHG-LSBWTN-100	10 μg/mL	1% HNO3, tr. Tart. Acid	100 mL
Perchlrorate	VHG-ICLO4-100	1000 μg/mL	NaClO4, H2O	100 mL
Formaldehyde	ICS045-100ML	1000 μg/mL	Water	100 mL
Geosmin	XA14005000ME	100 ng/μl	Methanol	1 mL
2-MIB	XA15088400ME	100 ng/μl	Methanol	1 mL
[I.S] 1,2-Dichlorobenzene-d4	YA12370100ME	2000 ng/μl	Methanol	1 mL

▶ 특정수질유해물질 추가 3종 (2014.01.01 시행)

감사항목(성분명)	Part No	Conc.	Matix	Unit
나프탈렌 (Naphthalene)	XA20905000AL	100 ng/μl	Acetonitrile	1 mL
폼알데하이드 (Formaldehyde)	ICS045-100ML	1000 μg/mL	Water	100 mL
에피클로로하이드린 (Epichlorohydrine)	XA13175000CY	100 ng/μl	Cyclohexane	1 mL

폐기물공정시험기준

일반폐기물검사항목		Part No	Conc.	Matix	Unit
시안(CN)		VHG-CN-100	1000µg/mL	0.1% NaOH	100 mL
크롬(Cr)		VHG-PCRN-100	1000µg/mL	5% HNO3	100 mL
6가 크롬(Cr6+)		VHG-PCR6W-100	1000µg/mL	5% HNO3	100 mL
구리(Cu)		VHG-PCUN-100	1000µg/mL	5% HNO3	100 mL
카드뮴(Cd)		VHG-PCDN-100	1000µg/mL	5% HNO3	100 mL
납(Pb)		VHG-PPBN-100	1000µg/mL	5% HNO3	100 mL
비소(As)		VHG-PASN-100	1000µg/mL	5% HNO3	100 mL
수은(Hg)		VHG-PHGN-100	1000µg/mL	5% HNO3	100 mL
유기인	Parathion	XA15880000AL	100 ng/µl	Acetonitrile	1 mL
	EPN	XA13180000AL	100 ng/µl	Acetonitrile	1 mL
	Demeton-S-methyl	XA12143000AL	100 ng/µl	Acetonitrile	1 mL
	Diazinon	XA12210000AL	100 ng/µl	Acetonitrile	1 mL
	Phenthoate	XA16050000IO	100 ng/µl	Iso-Octane	1 mL
PCB	Aroclor 1242	YA20124200CY	1000 ng/µl	Cyclohexane	1 mL
	Aroclor 1248	YA20124800CY	1000 ng/µl	Cyclohexane	1 mL
	Aroclor 1254	YA20125400CY	1000 ng/µl	Cyclohexane	1 mL
	Aroclor 1260	YA20126000CY	1000 ng/µl	Cyclohexane	1 mL
트리클로로에틸렌		XA17739300ME	100 ng/µl	Methanol	1 mL
테트라크로로에틸렌		XA17358300ME	100 ng/µl	Methanol	1 mL

해양폐기물검사항목	Part No	Conc.	Matix	Unit
* 일반항목 (12항목) – 일반폐기물항목에 포함				
니켈(Ni)	VHG-PNIN-100	1000µg/mL	5% HNO3	100 mL
* 특수항목 (16항목)				
PCB-28	L 20002800IO	10 ng/µl	Iso-Octane	10 mL
PCB-52	L 20005200IO	10 ng/µl	Iso-Octane	10 mL
PCB-101	L 20010100IO	10 ng/µl	Iso-Octane	10 mL
PCB-118	L 20011800IO	10 ng/µl	Iso-Octane	10 mL
PCB-138	L 20013800IO	10 ng/µl	Iso-Octane	10 mL
PCB-153	L 20015800IO	10 ng/µl	Iso-Octane	10 mL
PCB-180	L 20018000IO	10 ng/µl	Iso-Octane	10 mL
PCBs	PCB-DUTCH7	10 µg/mL	Iso-Octane	1 mL
Naphthalene	XA20905000AL	100 ng/µl	Acetonitrile	1 mL
Phenanthrene	XA20920000AL	100 ng/µl	Acetonitrile	1 mL
Anthracene	XA20520000AL	100 ng/µl	Acetonitrile	1 mL
Benzo(a)pyrene	XA20635000AL	100 ng/µl	Acetonitrile	1 mL
Fluoranthene	XA20795000AL	100 ng/µl	Acetonitrile	1 mL
Benz(a)anthracene	XA20545000AL	100 ng/µl	Acetonitrile	1 mL
Benzo(b)fluoranthene	XA20565000AL	100 ng/µl	Acetonitrile	1 mL
PAHs	Z-014G	2.0 mg/mL	Dichloromethane :Benzene	1 mL

유기인 Mixture	
S-4766B-1 (1mL)	
100 µg/mL	In Hexane
폐유기용제 할로겐족 29종 Mixture	
S-6936-R2-10X-1 (1mL)	
1000 µg/mL	In MeOH

폐기물/해양폐기물분석 CRMs	
PCBs, PAHs, Trace Metals, Pesticides	SRM 1944, 1941b
PCBs	BCR-536
PAHs	LGC 6182
Trace Metals	PACS-3, CASS-5