



样品流转单

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SGS-CSTC 环境服务部

客户: 伊尔姆环境资源管理咨询(上海)有限公司	报告抬头: 拜耳作物科学(中国)有限公司自行监测	项目名称: 0598802 拜耳作物科学(中国)有限公司自行监测
联系人: 朱苓		项目所在地: 杭州
地址/邮编: 上海市虹口区四川北路1350号利通广场2005室	电话: +86 21 53853050	电子版报告发送至: Ling.zhu@erm.com; bobo.shi@erm.com
报告要求: <input checked="" type="checkbox"/> PDF <input checked="" type="checkbox"/> EXCEL <input type="checkbox"/> 其它	传真: +86 21 6469 2185	文本报告寄送至:

质控要求: <input checked="" type="checkbox"/> 标准版 <input type="checkbox"/> 加强版 <input type="checkbox"/> 其它(请注明)				要求分析参数、方法(可加附件)																		
<input checked="" type="checkbox"/> 客户送样 <input type="checkbox"/> 采样, 采样地址:																						
加盖CMA章: <input checked="" type="checkbox"/> 是 <input type="checkbox"/> 否				加盖CNAS章: <input checked="" type="checkbox"/> 是 <input type="checkbox"/> 否 <input type="checkbox"/> 不加章																		
SGS 项目号 SHE21-1353613567		SGS 报价号		应出报告日 12/2		检测领域									容器与保护剂						特别说明/接收时条件 保温箱是否完整: <u>是</u> 接收时保温箱温度: <u>20℃</u> 样品瓶是否有破损: <u>否</u> 其它: _____ <input checked="" type="checkbox"/> 冷藏 <input type="checkbox"/> 常温 <input type="checkbox"/> 其它	
样品描述				土壤	沉积物	地下水	其他	HCl	HNO3	H2SO4	NaOH	MeOH	棕色玻璃瓶 (1L/250ml)	聚乙烯瓶250ml	棕色玻璃瓶40ml	pH	GB36600表1基本项目45项	石油烃(C10-C40)	氟化物	溴氰菊酯、氟虫腈		N,N-二甲基甲酰胺(DMF)
样品编号	实验室编号	日期	样品描述																			
1A01-005	1	2021/11/19		✓								✓	✓	✓	✓	✓	✓	✓	✓	✓		
1A01-015	2	11/19		✓								✓	✓	✓	✓	✓	✓	✓	✓	✓		
1B01-005	3	2021/11/19		✓								✓	✓	✓	✓	✓	✓	✓	✓	✓		
1B01-010	4	2021/11/19		✓								✓	✓	✓	✓	✓	✓	✓	✓	✓		
1B02-005	5	11/20		✓								✓	✓	✓	✓	✓	✓	✓	✓	✓		
1B02-015	6	11/20		✓								✓	✓	✓	✓	✓	✓	✓	✓	✓		
1B02-040	7	11/20		✓								✓	✓	✓	✓	✓	✓	✓	✓	✓		
1B02-060	8	11/20		✓								✓	✓	✓	✓	✓	✓	✓	✓	✓		
1C01-005	9	11/19		✓								✓	✓	✓	✓	✓	✓	✓	✓	✓		
1C01-010	10	11/19		✓								✓	✓	✓	✓	✓	✓	✓	✓	✓		
1C01-040	11	11/19		✓								✓	✓	✓	✓	✓	✓	✓	✓	✓		

测试周期要求: 10 个工作日 7 个工作日 5 个工作日 其它(请注明) 报告形式: 中文 英文 限值要求: 是(填写具体现在标准) 否 是否需要上传监管系统: 是 否

样品处理: 归还客户 由实验室处理 (报告发出后超过10天如需将样品归还客户, 将收取一定的费用)

送测样品具有 无危险 腐蚀性 易燃易爆 有毒有害 氧化性 遇潮易燃 生物危害 其他

备注: 如无特殊要求, 样品邮寄或客户直接送样过程的样品状态偏离为客户默认偏离。

客户签名(或公章): <u>徐</u>	日期/时间: 2021.11.21 19:00	姓名: <u>朱苓</u>	日期/时间: 11/22	运送者: <u>徐</u>	运送方法: <u>快递</u>
样品送出		样品接收		运送方法	

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联系人: 朱琴				地址/邮编: 上海市虹口区四川北路1350号利通广场2005室				项目所在地: 杭州													
电话: +86 21 53853050				报告要求: <input checked="" type="checkbox"/> PDF <input checked="" type="checkbox"/> EXCEL <input type="checkbox"/> 其它				电子版报告发送至: Ling.zhu@erm.com; bobo.shi@erm.com													
传真: +86 21 6469 2185				质控要求: <input checked="" type="checkbox"/> 标准版 <input type="checkbox"/> 加强版 <input type="checkbox"/> 其它(请注明)				文本报告寄送至:													
<input checked="" type="checkbox"/> 客户送样 <input type="checkbox"/> 采样, 采样地址:				要求分析参数、方法(可加附件)																	
加盖CMA章: <input checked="" type="checkbox"/> 是 <input type="checkbox"/> 否				加盖CNAS章: <input checked="" type="checkbox"/> 是 <input type="checkbox"/> 否 <input type="checkbox"/> 不加章				特别说明/接收时条件 保温箱是否完整: <u>是</u> 接收时保温箱温度: <u>24.85</u> 样品瓶是否有破损: <u>否</u> 其它: _____ <input checked="" type="checkbox"/> 冷藏 <input type="checkbox"/> 常温 <input type="checkbox"/> 其它													
SGS 项目号 SHE21-13536.13567		SGS 报价号		应出报告日 12/2		检测领域						容器与保护剂									
样品描述				土壤	沉积物	地下水	其他	HCl	HNO3	H2SO4	NaOH	MeOH	棕色玻璃瓶250ml (1L/250ml)	聚乙烯瓶250ml	棕色玻璃瓶40ml	pH	GB36600表1基本项目45项	石油烃(C10-C40)	氟化物	溴氰菊酯、氟虫腈	N,N-二甲基甲酰胺(DMF)
样品编号	实验室编号	日期	样品描述																		
1D01-005	12	2021/11/20																			
1D01-015	13	11/20																			
1D02-005	14	11/20																			
1D02-020	15	11/20																			
1D02-040	16	11/20																			
1D02-060	17	11/20																			
DZS01-005	18	11/20																			
DZS01-020	19	11/20																			
DUP-1-S	20	11/19																			
DUP-2-S	21	11/20																			
测试周期要求: <input type="checkbox"/> 10个工作日 <input checked="" type="checkbox"/> 7个工作日 <input type="checkbox"/> 5个工作日 <input type="checkbox"/> 其它(请注明)				报告形式: <input checked="" type="checkbox"/> 中文 <input checked="" type="checkbox"/> 英文				限值要求: <input type="checkbox"/> 是(填写具体体现在标准) <input checked="" type="checkbox"/> 否 是否需要上传监管系统: <input type="checkbox"/> 是 <input type="checkbox"/> 否													
样品处理: <input type="checkbox"/> 归还客户 <input checked="" type="checkbox"/> 由实验室处理(报告发出后超过10天如需将样品归还客户, 将收取一定的费用)				送测样品具有 <input checked="" type="checkbox"/> 无危险 <input type="checkbox"/> 腐蚀性 <input type="checkbox"/> 易燃易爆 <input type="checkbox"/> 有毒有害 <input type="checkbox"/> 氧化性 <input type="checkbox"/> 遇潮易燃 <input type="checkbox"/> 生物危害 <input type="checkbox"/> 其他				备注: 如无特殊要求, 样品邮寄或客户直接送样过程的样品状态偏离为客户默认偏离。													
客户签名(或公章): <u>徐日</u> 日期/时间: <u>2021.11.21 19:00</u>				样品送出				样品接收 姓名: <u>李伟</u> 日期/时间: <u>11/22</u>				运送者: <u>李伟</u> 运送方法: <u>快递</u>									

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检测报告

客户信息

联系人 朱苓
客户 伊尔姆环境资源管理咨询(上海)有限公司

地址 中国上海市四川北路1350号利通广场2005室

电话 86 21 53853050
传真 -
Email -

订单号 -
样品 土壤(21)
项目 -

实验室信息

管理者 SGS-CSTC
实验室 环境实验室

地址 上海市徐汇区宜山路889号3号楼2楼

电话 +86 (21) 6140 2666-2002
传真 +86 (21) 6115 2164
Email REPORT.ENV@SGS.COM

报告编号 SHE21-13536 R0
SGS编号 0000214759
报告日期 2021/12/08
分析日期 2021/11/22 - 2021/12/07

备注

1. 结果适用于收到的样品。
2. 项目名称：0598802 拜尔作物科学（中国）有限公司自行监测。

报告批准人

李超然

李超然
报告编制

刘真

刘真
审核

王红楼

王红楼
批准人



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Should you have any queries or objection to the test report, please contact us within 10 days after receiving the report.

符号表/Legend

- "-" 未测试该参数或不适用/The parameter is not tested or not applicable
- ↑ 提高检出限/Detection limit raised
- ↓ 降低检出限/Detection limit lowered
- ND 未检出/Not Detected



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				实验室编号	21-13536.001	21-13536.002	21-13536.003	21-13536.004
				样品名称	1A01-005	1A01-015	1B01-005	1B01-010
				检测类别	土壤	土壤	土壤	土壤
				样品描述	棕色较密	棕色较密	棕色较密	棕色较密
				收样日期	2021/11/22	2021/11/22	2021/11/22	2021/11/22
分析指标	方法	单位	检出限	检测结果				
pH	HJ 962	无量纲	-	8.29	8.17	8.74	8.73	
总氟化物(以F计)	HJ 873	mg/kg	63	485	436	397	432	
铜	HJ 491	mg/kg	1	25	20	20	18	
镍	HJ 491	mg/kg	3	19	17	18	18	
铅	GB/T 17141	mg/kg	0.1	17.4	14.0	15.0	14.0	
镉	GB/T 17141	mg/kg	0.01	0.11	0.07	0.06	0.07	
砷	GB/T 22105.2	mg/kg	0.01	12.8	7.53	4.50	4.01	
汞	HJ 923	µg/kg	0.2	49.7	32.1	30.6	40.3	
石油烃 (C ₁₀ -C ₄₀)	HJ 1021	mg/kg	6	18	40	9	8	
挥发性有机物替代物								
甲苯-d8	HJ 605	%	-	91	91	92	93	
4-溴氟苯	HJ 605	%	-	128	123	123	116	
二溴-氟甲烷	HJ 605	%	-	84	89	100	100	
挥发性有机物								
四氯化碳	HJ 605	mg/kg	0.05	ND	ND	ND	ND	
氯仿	HJ 605	mg/kg	0.05	ND	ND	ND	ND	
氯甲烷	HJ 605	mg/kg	0.5	ND	ND	ND	ND	
1,1-二氯乙烷	HJ 605	mg/kg	0.05	ND	ND	ND	ND	
1,2-二氯乙烷	HJ 605	mg/kg	0.05	ND	ND	ND	ND	
1,1-二氯乙烯	HJ 605	mg/kg	0.5	ND	ND	ND	ND	
顺-1,2-二氯乙烯	HJ 605	mg/kg	0.05	ND	ND	ND	ND	
反-1,2-二氯乙烯	HJ 605	mg/kg	0.05	ND	ND	ND	ND	
二氯甲烷	HJ 605	mg/kg	0.5	ND	ND	ND	ND	
1,2-二氯丙烷	HJ 605	mg/kg	0.05	ND	ND	ND	ND	
1,1,1,2-四氯乙烷	HJ 605	mg/kg	0.05	ND	ND	ND	ND	
1,1,2,2-四氯乙烷	HJ 605	mg/kg	0.05	ND	ND	ND	ND	
四氯乙烯	HJ 605	mg/kg	0.05	ND	ND	ND	ND	
1,1,1-三氯乙烷	HJ 605	mg/kg	0.05	ND	ND	ND	ND	
1,1,2-三氯乙烷	HJ 605	mg/kg	0.05	ND	ND	ND	ND	
三氯乙烯	HJ 605	mg/kg	0.05	ND	ND	ND	ND	
1,2,3-三氯丙烷	HJ 605	mg/kg	0.02	ND	ND	ND	ND	
氯乙烯	HJ 605	mg/kg	0.04	ND	ND	ND	ND	
苯	HJ 605	mg/kg	0.05	ND	ND	ND	ND	
氯苯	HJ 605	mg/kg	0.05	ND	1.21	ND	ND	
1,2-二氯苯	HJ 605	mg/kg	0.05	ND	ND	ND	ND	
1,4-二氯苯	HJ 605	mg/kg	0.05	ND	ND	ND	ND	
乙苯	HJ 605	mg/kg	0.05	ND	ND	ND	ND	
苯乙烯	HJ 605	mg/kg	0.05	ND	ND	ND	ND	
甲苯	HJ 605	mg/kg	0.05	ND	ND	ND	ND	
间&对-二甲苯	HJ 605	mg/kg	0.05	ND	ND	ND	ND	
邻-二甲苯	HJ 605	mg/kg	0.05	ND	ND	ND	ND	
萘	HJ 605	mg/kg	0.05	ND	ND	ND	ND	
半挥发性有机物替代物								
2-氟苯酚	HJ 834	%	-	63	79	65	70	
苯酚-d6	HJ 834	%	-	68	68	68	69	
硝基苯-d5	HJ 834	%	-	59	68	51	60	
2-氟联苯	HJ 834	%	-	77	83	71	78	
对-三联苯-d14	HJ 834	%	-	90	106	80	89	
半挥发性有机物								
硝基苯	HJ 834	mg/kg	0.09	ND	ND	ND	ND	



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		实验室编号	21-13536.001	21-13536.002	21-13536.003	21-13536.004	
		样品名称	1A01-005	1A01-015	1B01-005	1B01-010	
		检测类别	土壤	土壤	土壤	土壤	
		样品描述	棕色较密	棕色较密	棕色较密	棕色较密	
		收样日期	2021/11/22	2021/11/22	2021/11/22	2021/11/22	
分析指标	方法	单位	检出限	检测结果			
苯胺	HJ 834	mg/kg	0.1	ND	ND	ND	ND
2-氯苯酚	HJ 834	mg/kg	0.06	ND	ND	ND	ND
苯并(a)蒽	HJ 834	mg/kg	0.1	ND	ND	ND	ND
苯并(a)芘	HJ 834	mg/kg	0.1	ND	ND	ND	ND
苯并(b)荧蒹	HJ 834	mg/kg	0.2	ND	ND	ND	ND
苯并(k)荧蒹	HJ 834	mg/kg	0.1	ND	ND	ND	ND
屈	HJ 834	mg/kg	0.1	ND	ND	ND	ND
二苯并(a,h)蒽	HJ 834	mg/kg	0.1	ND	ND	ND	ND
茚并(1,2,3-cd)芘	HJ 834	mg/kg	0.1	ND	ND	ND	ND
有机磷类和拟除虫菊酯类							
溴氟菊酯	HJ 1023	mg/kg	0.8	ND	ND	ND	ND
氟虫腓	HJ 1023	mg/kg	0.3	ND	ND	ND	ND

		实验室编号	21-13536.005	21-13536.006	21-13536.007	21-13536.008	
		样品名称	1B02-005	1B02-015	1B02-040	1B02-060	
		检测类别	土壤	土壤	土壤	土壤	
		样品描述	棕色较密	棕色较密	棕色较密	棕色较密	
		收样日期	2021/11/22	2021/11/22	2021/11/22	2021/11/22	
分析指标	方法	单位	检出限	检测结果			
pH	HJ 962	无量纲	-	10.24	9.68	9.57	9.37
总氟化物(以F计)	HJ 873	mg/kg	63	300	500	431	384
铜	HJ 491	mg/kg	1	53	19	20	28
镍	HJ 491	mg/kg	3	37	20	19	16
铅	GB/T 17141	mg/kg	0.1	44.6	14.1	12.3	16.6
镉	GB/T 17141	mg/kg	0.01	0.32	0.07	0.06	0.05
砷	GB/T 22105.2	mg/kg	0.01	9.46	2.90	2.39	3.92
汞	HJ 923	µg/kg	0.2	466	25.9	16.0	16.1
石油烃(C ₁₀ -C ₄₀)	HJ 1021	mg/kg	6	24	30	10	9
挥发性有机物替代物							
甲苯-d8	HJ 605	%	-	93	93	89	85
4-溴氟苯	HJ 605	%	-	118	118	122	124
二溴一氟甲烷	HJ 605	%	-	100	88	94	79
挥发性有机物							
四氯化碳	HJ 605	mg/kg	0.05	ND	ND	ND	ND
氯仿	HJ 605	mg/kg	0.05	ND	ND	ND	ND
氯甲烷	HJ 605	mg/kg	0.5	ND	ND	ND	ND
1,1-二氯乙烷	HJ 605	mg/kg	0.05	ND	ND	ND	ND
1,2-二氯乙烷	HJ 605	mg/kg	0.05	ND	ND	ND	ND
1,1-二氯乙烯	HJ 605	mg/kg	0.5	ND	ND	ND	ND
顺-1,2-二氯乙烯	HJ 605	mg/kg	0.05	ND	ND	ND	ND
反-1,2-二氯乙烯	HJ 605	mg/kg	0.05	ND	ND	ND	ND
二氯甲烷	HJ 605	mg/kg	0.5	ND	ND	ND	ND
1,2-二氯丙烷	HJ 605	mg/kg	0.05	ND	ND	ND	ND
1,1,1,2-四氯乙烷	HJ 605	mg/kg	0.05	ND	ND	ND	ND
1,1,2,2-四氯乙烷	HJ 605	mg/kg	0.05	ND	ND	ND	ND
四氯乙烯	HJ 605	mg/kg	0.05	ND	ND	ND	ND
1,1,1-三氯乙烷	HJ 605	mg/kg	0.05	ND	ND	ND	ND
1,1,2-三氯乙烷	HJ 605	mg/kg	0.05	ND	ND	ND	ND
三氯乙烯	HJ 605	mg/kg	0.05	ND	ND	ND	ND
1,2,3-三氯丙烷	HJ 605	mg/kg	0.02	ND	ND	ND	ND



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实验室编号	21-13536.005	21-13536.006	21-13536.007	21-13536.008
样品名称	1B02-005	1B02-015	1B02-040	1B02-060
检测类别	土壤	土壤	土壤	土壤
样品描述	棕色较密	棕色较密	棕色较密	棕色较密
收样日期	2021/11/22	2021/11/22	2021/11/22	2021/11/22

分析指标	方法	单位	检出限	检测结果			
氯乙烯	HJ 605	mg/kg	0.04	ND	ND	ND	ND
苯	HJ 605	mg/kg	0.05	ND	ND	ND	ND
氯苯	HJ 605	mg/kg	0.05	0.11	1.42	1.46	4.93
1,2-二氯苯	HJ 605	mg/kg	0.05	ND	ND	ND	ND
1,4-二氯苯	HJ 605	mg/kg	0.05	ND	ND	ND	ND
乙苯	HJ 605	mg/kg	0.05	ND	ND	ND	ND
苯乙烯	HJ 605	mg/kg	0.05	ND	ND	ND	ND
甲苯	HJ 605	mg/kg	0.05	ND	ND	ND	ND
间&对-二甲苯	HJ 605	mg/kg	0.05	ND	ND	ND	ND
邻-二甲苯	HJ 605	mg/kg	0.05	ND	ND	ND	ND
萘	HJ 605	mg/kg	0.05	ND	ND	ND	ND

半挥发性有机物替代物							
2-氟苯酚	HJ 834	%	-	70	66	66	64
苯酚-d6	HJ 834	%	-	64	68	67	67
硝基苯-d5	HJ 834	%	-	62	61	48	50
2-氟联苯	HJ 834	%	-	69	64	60	60
对-三联苯-d14	HJ 834	%	-	91	70	79	74

半挥发性有机物							
硝基苯	HJ 834	mg/kg	0.09	ND	ND	ND	ND
苯胺	HJ 834	mg/kg	0.1	ND	ND	ND	ND
2-氯苯酚	HJ 834	mg/kg	0.06	ND	ND	ND	ND
苯并(a)蒽	HJ 834	mg/kg	0.1	ND	ND	ND	ND
苯并(a)芘	HJ 834	mg/kg	0.1	ND	ND	ND	ND
苯并(b)荧蒽	HJ 834	mg/kg	0.2	ND	ND	ND	ND
苯并(k)荧蒽	HJ 834	mg/kg	0.1	ND	ND	ND	ND
屈	HJ 834	mg/kg	0.1	ND	ND	ND	ND
二苯并(a,h)蒽	HJ 834	mg/kg	0.1	ND	ND	ND	ND
茚并(1,2,3-cd)芘	HJ 834	mg/kg	0.1	ND	ND	ND	ND

有机磷类和拟除虫菊酯类							
溴氟菊酯	HJ 1023	mg/kg	0.8	ND	ND	ND	ND
氟虫腈	HJ 1023	mg/kg	0.3	ND	ND	ND	ND

实验室编号	21-13536.009	21-13536.010	21-13536.011	21-13536.012
样品名称	1C01-005	1C01-010	1C01-040	1D01-005
检测类别	土壤	土壤	土壤	土壤
样品描述	棕色较密	棕色较密	棕色较密	棕色较密
收样日期	2021/11/22	2021/11/22	2021/11/22	2021/11/22

分析指标	方法	单位	检出限	检测结果			
pH	HJ 962	无量纲	-	9.81	9.73	9.35	8.55
总氟化物(以F计)	HJ 873	mg/kg	63	448	416	395	358
铜	HJ 491	mg/kg	1	37	37	22	29
镍	HJ 491	mg/kg	3	22	18	16	18
铅	GB/T 17141	mg/kg	0.1	15.4	13.7	12.6	12.8
镉	GB/T 17141	mg/kg	0.01	0.06	0.06	0.05	0.06
砷	GB/T 22105.2	mg/kg	0.01	5.08	4.54	2.88	3.63
汞	HJ 923	µg/kg	0.2	26.2	29.2	13.5	18.8
石油烃(C ₁₀ -C ₄₀)	HJ 1021	mg/kg	6	17	10	7	19
挥发性有机物替代物							
甲苯-d8	HJ 605	%	-	92	92	93	92
4-溴氟苯	HJ 605	%	-	121	124	120	119



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实验室编号	21-13536.009	21-13536.010	21-13536.011	21-13536.012
样品名称	1C01-005	1C01-010	1C01-040	1D01-005
检测类别	土壤	土壤	土壤	土壤
样品描述	棕色较密	棕色较密	棕色较密	棕色较密
收样日期	2021/11/22	2021/11/22	2021/11/22	2021/11/22

分析指标	方法	单位	检出限	检测结果			
二溴一氟甲烷	HJ 605	%	-	97	98	102	99
挥发性有机物							
四氯化碳	HJ 605	mg/kg	0.05	ND	ND	ND	ND
氯仿	HJ 605	mg/kg	0.05	ND	ND	ND	ND
氯甲烷	HJ 605	mg/kg	0.5	ND	ND	ND	ND
1,1-二氯乙烯	HJ 605	mg/kg	0.05	ND	ND	ND	ND
1,2-二氯乙烯	HJ 605	mg/kg	0.05	ND	ND	ND	ND
1,1-二氯乙烯	HJ 605	mg/kg	0.5	ND	ND	ND	ND
顺-1,2-二氯乙烯	HJ 605	mg/kg	0.05	ND	ND	ND	ND
反-1,2-二氯乙烯	HJ 605	mg/kg	0.05	ND	ND	ND	ND
二氯甲烷	HJ 605	mg/kg	0.5	ND	ND	ND	ND
1,2-二氯丙烷	HJ 605	mg/kg	0.05	ND	ND	ND	ND
1,1,1,2-四氯乙烷	HJ 605	mg/kg	0.05	ND	ND	ND	ND
1,1,2,2-四氯乙烷	HJ 605	mg/kg	0.05	ND	ND	ND	ND
四氯乙烯	HJ 605	mg/kg	0.05	ND	ND	ND	ND
1,1,1-三氯乙烷	HJ 605	mg/kg	0.05	ND	ND	ND	ND
1,1,2-三氯乙烷	HJ 605	mg/kg	0.05	ND	ND	ND	ND
三氯乙烯	HJ 605	mg/kg	0.05	ND	ND	ND	ND
1,2,3-三氯丙烷	HJ 605	mg/kg	0.02	ND	ND	ND	ND
氯乙烯	HJ 605	mg/kg	0.04	ND	ND	ND	ND
苯	HJ 605	mg/kg	0.05	ND	ND	ND	ND
氯苯	HJ 605	mg/kg	0.05	ND	ND	ND	ND
1,2-二氯苯	HJ 605	mg/kg	0.05	ND	ND	ND	ND
1,4-二氯苯	HJ 605	mg/kg	0.05	ND	ND	ND	ND
乙苯	HJ 605	mg/kg	0.05	ND	ND	ND	ND
苯乙烯	HJ 605	mg/kg	0.05	ND	ND	ND	ND
甲苯	HJ 605	mg/kg	0.05	ND	ND	ND	ND
间&对-二甲苯	HJ 605	mg/kg	0.05	ND	ND	ND	ND
邻-二甲苯	HJ 605	mg/kg	0.05	ND	ND	ND	ND
萘	HJ 605	mg/kg	0.05	ND	ND	ND	ND
半挥发性有机物替代物							
2-氟苯酚	HJ 834	%	-	67	80	77	58
苯酚-d6	HJ 834	%	-	69	66	67	62
硝基苯-d5	HJ 834	%	-	56	61	56	61
2-氟联苯	HJ 834	%	-	64	70	70	80
对-三联苯-d14	HJ 834	%	-	85	96	86	96
半挥发性有机物							
硝基苯	HJ 834	mg/kg	0.09	ND	ND	ND	ND
苯胺	HJ 834	mg/kg	0.1	ND	ND	ND	ND
2-氯苯酚	HJ 834	mg/kg	0.06	ND	ND	ND	ND
苯并(a)蒽	HJ 834	mg/kg	0.1	ND	ND	ND	ND
苯并(a)芘	HJ 834	mg/kg	0.1	ND	ND	ND	ND
苯并(b)荧蒽	HJ 834	mg/kg	0.2	ND	ND	ND	ND
苯并(k)荧蒽	HJ 834	mg/kg	0.1	ND	ND	ND	ND
屈	HJ 834	mg/kg	0.1	ND	ND	ND	ND
二苯并(a,h)蒽	HJ 834	mg/kg	0.1	ND	ND	ND	ND
茚并(1,2,3-cd)芘	HJ 834	mg/kg	0.1	ND	ND	ND	ND
有机磷类和拟除虫菊酯类							
溴氰菊酯	HJ 1023	mg/kg	0.8	ND	ND	ND	ND
氟虫腈	HJ 1023	mg/kg	0.3	ND	ND	ND	ND



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		实验室编号	21-13536.013	21-13536.014	21-13536.015	21-13536.016	
		样品名称	1D01-015	1D02-005	1D02-020	1D02-040	
		检测类别	土壤	土壤	土壤	土壤	
		样品描述	棕色较密	棕色较密	棕色较密	棕色较密	
		收样日期	2021/11/22	2021/11/22	2021/11/22	2021/11/22	
分析指标	方法	单位	检出限	检测结果			
pH	HJ 962	无量纲	-	8.97	8.69	8.66	9.77
总氟化物(以F计)	HJ 873	mg/kg	63	266	385	389	384
铜	HJ 491	mg/kg	1	28	28	40	21
镍	HJ 491	mg/kg	3	18	18	23	16
铅	GB/T 17141	mg/kg	0.1	12.9	14.1	14.5	12.1
镉	GB/T 17141	mg/kg	0.01	0.05	0.06	0.06	0.05
砷	GB/T 22105.2	mg/kg	0.01	3.13	4.08	3.64	3.26
汞	HJ 923	µg/kg	0.2	16.7	21.4	32.6	16.3
石油烃 (C ₁₀ -C ₄₀)	HJ 1021	mg/kg	6	8	19	19	8
挥发性有机物替代物							
甲苯-d8	HJ 605	%	-	93	92	95	92
4-溴氟苯	HJ 605	%	-	117	123	120	121
二溴-氟甲烷	HJ 605	%	-	96	90	91	101
挥发性有机物							
四氯化碳	HJ 605	mg/kg	0.05	ND	ND	ND	ND
氯仿	HJ 605	mg/kg	0.05	ND	ND	ND	ND
氯甲烷	HJ 605	mg/kg	0.5	ND	ND	ND	ND
1,1-二氯乙烷	HJ 605	mg/kg	0.05	ND	ND	ND	ND
1,2-二氯乙烷	HJ 605	mg/kg	0.05	ND	ND	ND	ND
1,1-二氯乙烯	HJ 605	mg/kg	0.5	ND	ND	ND	ND
顺-1,2-二氯乙烯	HJ 605	mg/kg	0.05	ND	ND	ND	ND
反-1,2-二氯乙烯	HJ 605	mg/kg	0.05	ND	ND	ND	ND
二氯甲烷	HJ 605	mg/kg	0.5	ND	ND	ND	ND
1,2-二氯丙烷	HJ 605	mg/kg	0.05	ND	ND	ND	ND
1,1,1,2-四氯乙烷	HJ 605	mg/kg	0.05	ND	ND	ND	ND
1,1,2,2-四氯乙烷	HJ 605	mg/kg	0.05	ND	ND	ND	ND
四氯乙烯	HJ 605	mg/kg	0.05	ND	ND	ND	ND
1,1,1-三氯乙烷	HJ 605	mg/kg	0.05	ND	ND	ND	ND
1,1,2-三氯乙烷	HJ 605	mg/kg	0.05	ND	ND	ND	ND
三氯乙烯	HJ 605	mg/kg	0.05	ND	ND	ND	ND
1,2,3-三氯丙烷	HJ 605	mg/kg	0.02	ND	ND	ND	ND
氯乙烯	HJ 605	mg/kg	0.04	ND	ND	ND	ND
苯	HJ 605	mg/kg	0.05	ND	ND	ND	ND
氯苯	HJ 605	mg/kg	0.05	ND	ND	ND	ND
1,2-二氯苯	HJ 605	mg/kg	0.05	ND	ND	ND	ND
1,4-二氯苯	HJ 605	mg/kg	0.05	ND	ND	ND	ND
乙苯	HJ 605	mg/kg	0.05	ND	ND	ND	ND
苯乙烯	HJ 605	mg/kg	0.05	ND	ND	ND	ND
甲苯	HJ 605	mg/kg	0.05	ND	ND	ND	ND
间&对-二甲苯	HJ 605	mg/kg	0.05	ND	ND	ND	ND
邻-二甲苯	HJ 605	mg/kg	0.05	ND	ND	ND	ND
萘	HJ 605	mg/kg	0.05	ND	ND	ND	ND
半挥发性有机物替代物							
2-氟苯酚	HJ 834	%	-	58	68	83	70
苯酚-d6	HJ 834	%	-	66	62	60	61
硝基苯-d5	HJ 834	%	-	52	57	68	58
2-氟联苯	HJ 834	%	-	79	85	75	82
对-三联苯-d14	HJ 834	%	-	91	93	89	88
半挥发性有机物							
硝基苯	HJ 834	mg/kg	0.09	ND	ND	ND	ND



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		实验室编号	21-13536.013	21-13536.014	21-13536.015	21-13536.016
		样品名称	1D01-015	1D02-005	1D02-020	1D02-040
		检测类别	土壤	土壤	土壤	土壤
		样品描述	棕色较密	棕色较密	棕色较密	棕色较密
		收样日期	2021/11/22	2021/11/22	2021/11/22	2021/11/22
分析指标	方法	单位	检出限	检测结果		
苯胺	HJ 834	mg/kg	0.1	ND	ND	ND
2-氯苯酚	HJ 834	mg/kg	0.06	ND	ND	ND
苯并(a)蒽	HJ 834	mg/kg	0.1	ND	ND	ND
苯并(a)芘	HJ 834	mg/kg	0.1	ND	ND	ND
苯并(b)荧蒽	HJ 834	mg/kg	0.2	ND	ND	ND
苯并(k)荧蒽	HJ 834	mg/kg	0.1	ND	ND	ND
屈	HJ 834	mg/kg	0.1	ND	ND	ND
二苯并(a,h)蒽	HJ 834	mg/kg	0.1	ND	ND	ND
茚并(1,2,3-cd)芘	HJ 834	mg/kg	0.1	ND	ND	ND
有机磷类和拟除虫菊酯类						
溴氟菊酯	HJ 1023	mg/kg	0.8	ND	ND	ND
氟虫腓	HJ 1023	mg/kg	0.3	ND	ND	ND

		实验室编号	21-13536.017	21-13536.018	21-13536.019	21-13536.020	
		样品名称	1D02-060	DZS01-005	DZS01-020	DUP-1-S	
		检测类别	土壤	土壤	土壤	土壤	
		样品描述	棕色较密	棕色较密	棕色较密	棕色较密	
		收样日期	2021/11/22	2021/11/22	2021/11/22	2021/11/22	
分析指标	方法	单位	检出限	检测结果			
pH	HJ 962	无量纲	-	9.46	8.29	8.90	8.81
总氟化物(以F计)	HJ 873	mg/kg	63	368	411	371	460
铜	HJ 491	mg/kg	1	25	49	23	25
镍	HJ 491	mg/kg	3	14	20	16	19
铅	GB/T 17141	mg/kg	0.1	13.1	14.3	12.1	15.6
镉	GB/T 17141	mg/kg	0.01	0.05	0.08	0.05	0.07
砷	GB/T 22105.2	mg/kg	0.01	3.19	2.96	3.07	4.10
汞	HJ 923	µg/kg	0.2	11.9	24.2	15.2	24.9
石油烃(C ₁₀ -C ₄₀)	HJ 1021	mg/kg	6	ND	8	8	8
挥发性有机物替代物							
甲苯-d8	HJ 605	%	-	92	91	93	93
4-溴氟苯	HJ 605	%	-	126	130	126	129
二溴一氟甲烷	HJ 605	%	-	72	72	72	70
挥发性有机物							
四氯化碳	HJ 605	mg/kg	0.05	ND	ND	ND	ND
氯仿	HJ 605	mg/kg	0.05	ND	ND	ND	ND
氯甲烷	HJ 605	mg/kg	0.5	ND	ND	ND	ND
1,1-二氯乙烷	HJ 605	mg/kg	0.05	ND	ND	ND	ND
1,2-二氯乙烷	HJ 605	mg/kg	0.05	ND	ND	ND	ND
1,1-二氯乙烯	HJ 605	mg/kg	0.5	ND	ND	ND	ND
顺-1,2-二氯乙烯	HJ 605	mg/kg	0.05	ND	ND	ND	ND
反-1,2-二氯乙烯	HJ 605	mg/kg	0.05	ND	ND	ND	ND
二氯甲烷	HJ 605	mg/kg	0.5	ND	ND	ND	ND
1,2-二氯丙烷	HJ 605	mg/kg	0.05	ND	ND	ND	ND
1,1,1,2-四氯乙烷	HJ 605	mg/kg	0.05	ND	ND	ND	ND
1,1,2,2-四氯乙烷	HJ 605	mg/kg	0.05	ND	ND	ND	ND
四氯乙烯	HJ 605	mg/kg	0.05	ND	ND	ND	ND
1,1,1-三氯乙烷	HJ 605	mg/kg	0.05	ND	ND	ND	ND
1,1,2-三氯乙烷	HJ 605	mg/kg	0.05	ND	ND	ND	ND
三氯乙烯	HJ 605	mg/kg	0.05	ND	ND	ND	ND
1,2,3-三氯丙烷	HJ 605	mg/kg	0.02	ND	ND	ND	ND



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实验室编号	21-13536.017	21-13536.018	21-13536.019	21-13536.020
样品名称	1D02-060	DZS01-005	DZS01-020	DUP-1-S
检测类别	土壤	土壤	土壤	土壤
样品描述	棕色较密	棕色较密	棕色较密	棕色较密
收样日期	2021/11/22	2021/11/22	2021/11/22	2021/11/22

分析指标	方法	单位	检出限	检测结果			
氯乙烯	HJ 605	mg/kg	0.04	ND	ND	ND	ND
苯	HJ 605	mg/kg	0.05	ND	ND	ND	ND
氯苯	HJ 605	mg/kg	0.05	ND	ND	ND	ND
1,2-二氯苯	HJ 605	mg/kg	0.05	ND	ND	ND	ND
1,4-二氯苯	HJ 605	mg/kg	0.05	ND	ND	ND	ND
乙苯	HJ 605	mg/kg	0.05	ND	ND	ND	ND
苯乙烯	HJ 605	mg/kg	0.05	ND	ND	ND	ND
甲苯	HJ 605	mg/kg	0.05	ND	ND	ND	ND
间&对-二甲苯	HJ 605	mg/kg	0.05	ND	ND	ND	ND
邻-二甲苯	HJ 605	mg/kg	0.05	ND	ND	ND	ND
萘	HJ 605	mg/kg	0.05	ND	ND	ND	ND
半挥发性有机物替代物							
2-氟苯酚	HJ 834	%	-	72	67	69	60
苯酚-d6	HJ 834	%	-	64	69	69	66
硝基苯-d5	HJ 834	%	-	65	58	60	53
2-氟联苯	HJ 834	%	-	79	70	66	74
对-三联苯-d14	HJ 834	%	-	93	80	78	80
半挥发性有机物							
硝基苯	HJ 834	mg/kg	0.09	ND	ND	ND	ND
苯胺	HJ 834	mg/kg	0.1	ND	ND	ND	ND
2-氯苯酚	HJ 834	mg/kg	0.06	ND	ND	ND	ND
苯并(a)蒽	HJ 834	mg/kg	0.1	ND	ND	ND	ND
苯并(a)芘	HJ 834	mg/kg	0.1	ND	ND	ND	ND
苯并(b)荧蒽	HJ 834	mg/kg	0.2	ND	ND	ND	ND
苯并(k)荧蒽	HJ 834	mg/kg	0.1	ND	ND	ND	ND
屈	HJ 834	mg/kg	0.1	ND	ND	ND	ND
二苯并(a,h)蒽	HJ 834	mg/kg	0.1	ND	ND	ND	ND
茚并(1,2,3-cd)芘	HJ 834	mg/kg	0.1	ND	ND	ND	ND
有机磷类和拟除虫菊酯类							
溴氟菊酯	HJ 1023	mg/kg	0.8	ND	ND	ND	ND
氟虫腈	HJ 1023	mg/kg	0.3	ND	ND	ND	ND

实验室编号	21-13536.021
样品名称	DUP-2-S
检测类别	土壤
样品描述	棕色较密
收样日期	2021/11/22

分析指标	方法	单位	检出限	检测结果
pH	HJ 962	无量纲	-	8.67
总氟化物(以F计)	HJ 873	mg/kg	63	438
铜	HJ 491	mg/kg	1	16
镍	HJ 491	mg/kg	3	16
铅	GB/T 17141	mg/kg	0.1	14.2
镉	GB/T 17141	mg/kg	0.01	0.06
砷	GB/T 22105.2	mg/kg	0.01	3.37
汞	HJ 923	µg/kg	0.2	23.9
石油烃(C ₁₀ -C ₄₀)	HJ 1021	mg/kg	6	17
挥发性有机物替代物				
甲苯-d8	HJ 605	%	-	92
4-溴氟苯	HJ 605	%	-	128



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实验室编号	21-13536.021
样品名称	DUP-2-S
检测类别	土壤
样品描述	棕色较密
收样日期	2021/11/22

分析指标	方法	单位	检出限	检测结果
二溴一氟甲烷	HJ 605	%	-	71
挥发性有机物				
四氯化碳	HJ 605	mg/kg	0.05	ND
氯仿	HJ 605	mg/kg	0.05	ND
氯甲烷	HJ 605	mg/kg	0.5	ND
1,1-二氯乙烷	HJ 605	mg/kg	0.05	ND
1,2-二氯乙烷	HJ 605	mg/kg	0.05	ND
1,1-二氯乙烯	HJ 605	mg/kg	0.5	ND
顺-1,2-二氯乙烯	HJ 605	mg/kg	0.05	ND
反-1,2-二氯乙烯	HJ 605	mg/kg	0.05	ND
二氯甲烷	HJ 605	mg/kg	0.5	ND
1,2-二氯丙烷	HJ 605	mg/kg	0.05	ND
1,1,1,2-四氯乙烷	HJ 605	mg/kg	0.05	ND
1,1,2,2-四氯乙烷	HJ 605	mg/kg	0.05	ND
四氯乙烯	HJ 605	mg/kg	0.05	ND
1,1,1-三氯乙烷	HJ 605	mg/kg	0.05	ND
1,1,2-三氯乙烷	HJ 605	mg/kg	0.05	ND
三氯乙烯	HJ 605	mg/kg	0.05	ND
1,2,3-三氯丙烷	HJ 605	mg/kg	0.02	ND
氯乙烯	HJ 605	mg/kg	0.04	ND
苯	HJ 605	mg/kg	0.05	ND
氯苯	HJ 605	mg/kg	0.05	ND
1,2-二氯苯	HJ 605	mg/kg	0.05	ND
1,4-二氯苯	HJ 605	mg/kg	0.05	ND
乙苯	HJ 605	mg/kg	0.05	ND
苯乙炔	HJ 605	mg/kg	0.05	ND
甲苯	HJ 605	mg/kg	0.05	ND
间&对-二甲苯	HJ 605	mg/kg	0.05	ND
邻-二甲苯	HJ 605	mg/kg	0.05	ND
萘	HJ 605	mg/kg	0.05	ND
半挥发性有机物替代物				
2-氟苯酚	HJ 834	%	-	70
苯酚-d6	HJ 834	%	-	65
硝基苯-d5	HJ 834	%	-	65
2-氟联苯	HJ 834	%	-	78
对-三联苯-d14	HJ 834	%	-	89
半挥发性有机物				
硝基苯	HJ 834	mg/kg	0.09	ND
苯胺	HJ 834	mg/kg	0.1	ND
2-氯苯酚	HJ 834	mg/kg	0.06	ND
苯并(a)蒽	HJ 834	mg/kg	0.1	ND
苯并(a)芘	HJ 834	mg/kg	0.1	ND
苯并(b)荧蒽	HJ 834	mg/kg	0.2	ND
苯并(k)荧蒽	HJ 834	mg/kg	0.1	ND
屈	HJ 834	mg/kg	0.1	ND
二苯并(a,h)蒽	HJ 834	mg/kg	0.1	ND
茚并(1,2,3-cd)芘	HJ 834	mg/kg	0.1	ND
有机磷类和拟除虫菊酯类				
溴氰菊酯	HJ 1023	mg/kg	0.8	ND
氟虫腈	HJ 1023	mg/kg	0.3	ND



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方法列表

- HJ 962-2018 土壤 pH值的测定 电位法
- HJ 873-2017 土壤 总氟化物的测定 离子选择电极法
- HJ 491-2019 土壤和沉积物 铜、锌、铅、镍、铬的测定 火焰原子吸收分光光度法
- GB/T 17141-1997 土壤质量 铅、镉的测定 石墨炉原子吸收分光光度法&HJ832-2017 土壤和沉积物 金属元素总量的消解 微波消解法
- GB/T 22105.2-2008 土壤中总砷的测定-原子荧光法
- HJ 923-2017 土壤和沉积物 总汞的测定 催化热解-冷原子吸收分光光度法
- HJ 1021-2019 土壤和沉积物 石油烃(C10-C40)的测定 气相色谱法
- HJ 605-2011 土壤和沉积物 挥发性有机物的测定 吹扫捕集/气相色谱-质谱法
- HJ 834-2017 土壤和沉积物 半挥发性有机物的测定 气相色谱—质谱法
- HJ 1023-2019 土壤和沉积物 有机磷类和拟除虫菊酯类等47种农药的测定 气相色谱-质谱法



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方法:HJ 962-2018

仪器名称	型号	仪器编号	出厂序号
多参数分析仪	Mettler S470-K	CHEM-1109	B803289021

方法:HJ 873-2017

仪器名称	型号	仪器编号	出厂序号
氟离子分析仪	上海仪电PXSJ-216	CHEM-1032	621400N0016070036

方法:HJ 491-2019

仪器名称	型号	仪器编号	出厂序号
原子吸收光谱仪	ThermoFisher iCE3500	CHEM-1161	SA17510136
气相色谱仪-氢火焰离子检测器	Agilent 7890B	CHEM-969	CN16223171

方法:GB/T 17141-1997

仪器名称	型号	仪器编号	出厂序号
原子吸收光谱仪	ThermoFisher iCE3500	CHEM-1191	SA17180059
原子吸收光谱仪	ThermoFisher iCE3500	CHEM-1192	SA17180132
气相色谱仪-氢火焰离子检测器	Agilent 7890B	CHEM-969	CN16223171

方法:GB/T 22105.2-2008

仪器名称	型号	仪器编号	出厂序号
原子荧光光度计	Kylin-S12	CHEM-1401	KS12-2010075
气相色谱仪-氢火焰离子检测器	Agilent 7890B	CHEM-969	CN16223171

方法:HJ 923-2017

仪器名称	型号	仪器编号	出厂序号
测汞仪	Milestone DMA-80	CHEM-958	16041979
测汞仪	Milestone DMA-80	CHEM-960	11091044

方法:HJ 1021-2019

仪器名称	型号	仪器编号	出厂序号
气相色谱仪-氢火焰离子检测器	Agilent 7890B	CHEM-969	CN16223171

方法:HJ 605-2011

仪器名称	型号	仪器编号	出厂序号
吹扫捕集气相色谱质谱仪	Atomx XYZ/7890B/5977A	CHEM-ENV091	CA20247008/CN13313013/US1330M207

方法:HJ 834-2017

仪器名称	型号	仪器编号	出厂序号
气相色谱质谱仪	Agilent 7890B/5977B	CHEM-1175	CN18293008/US1824R018

方法:HJ 1023-2019

仪器名称	型号	仪器编号	出厂序号
气相色谱质谱仪	Agilent 7890B/5977B	CHEM-1175	CN18293008/US1824R018



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LB2143110			LB2143113		
DUP	MS	MSD	DUP	MS	MSD
SHE21-13536.001	SHE21-13536.001	SHE21-13536.001	SHE21-13536.021	SHE21-13536.021	SHE21-13536.021
LB2143373		LB2143374			
DUP	DUP				
SHE21-13536.001	SHE21-13536.011				
LB2143375		LB2143602			
DUP	DUP				
SHE21-13536.021	SHE21-13536.001				
LB2143603		LB2143870			
DUP	DUP	MS	MSD		
SHE21-13536.021	SHE21-13536.003	SHE21-13536.003	SHE21-13536.003		
LB2143871			LB2143941		
DUP	MS	MSD	DUP		
SHE21-13536.020	SHE21-13536.020	SHE21-13536.020	SHE21-13536.001		
LB2143942		LB2143983			
DUP	DUP				
SHE21-13536.021	SHE21-13536.001				
LB2143985		LB2144114			
DUP	DUP				
SHE21-13625.001	SHE21-13536.001				
LB2144116		LB2144244			
DUP	DUP	MS			
SHE21-13625.001	SHE21-13536.003	SHE21-13536.003			
LB2144245			LB2144247		
DUP	MS	DUP	MS	MSD	
SHE21-13536.020	SHE21-13536.020	SHE21-13536.003	SHE21-13536.003	SHE21-13536.003	
LB2144248			LB2145011		
DUP	MS	MSD	DUP		
SHE21-13536.020	SHE21-13536.020	SHE21-13536.020	SHE21-13536.001		
LB2145014		LB2145152			
DUP	DUP				
SHE21-13536.021	SHE21-13536.009				

MB为方法空白结果；
 LCS为实验室控制样品回收率，MS为基质加标回收率，以Recovery%表示；
 DUP以及MSD为双样以及双样加标回收率的相对偏差，以RD%表示。

土壤 pH值的测定 电位法 方法: HJ 962-2018



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土壤 pH值的测定 电位法 方法: HJ 962-2018 (继续)

分析指标	QC批号	单位	检出限	DUP %RD
pH	LB2143373	无量纲	-	0%
	LB2143374	无量纲	-	0%
	LB2143375	无量纲	-	0%

土壤中总砷的测定-原子荧光法 方法: GB/T 22105.2-2008

分析指标	QC批号	单位	检出限	MB	DUP %RD	LCS %Recovery
砷	LB2143941	mg/kg	0.01	<0.01	1%	98%
	LB2143942	mg/kg	0.01	<0.01	2%	99%

土壤和沉积物 挥发性有机物的测定 吹扫捕集/气相色谱-质谱法 方法: HJ 605-2011

分析指标	QC批号	单位	检出限	MB	DUP %RD	LCS %Recovery	MS %Recovery	MSD %RD
甲苯-d8	LB2143110	%	-	95%	2%	105%	101%	0%
	LB2143113	%	-	93%	0%	97%	95%	0%
4-溴氟苯	LB2143110	%	-	125%	3%	109%	107%	2%
	LB2143113	%	-	122%	1%	118%	118%	0%
二溴一氟甲烷	LB2143110	%	-	97%	7%	88%	97%	3%
	LB2143113	%	-	72%	0%	78%	76%	1%
四氯化碳	LB2143110	mg/kg	0.05	<0.05	0%	77%	105%	4%
	LB2143113	mg/kg	0.05	<0.05	0%	89%	93%	0%
氯仿	LB2143110	mg/kg	0.05	<0.05	0%	79%	97%	1%
	LB2143113	mg/kg	0.05	<0.05	0%	83%	75%	2%
氯甲烷	LB2143110	mg/kg	0.5	<0.5	0%	75%	86%	1%
	LB2143113	mg/kg	0.5	<0.5	0%	126%	127%	0%
1,1-二氯乙烷	LB2143110	mg/kg	0.05	<0.05	0%	82%	104%	2%
	LB2143113	mg/kg	0.05	<0.05	0%	86%	95%	2%
1,2-二氯乙烷	LB2143110	mg/kg	0.05	<0.05	0%	83%	108%	1%
	LB2143113	mg/kg	0.05	<0.05	0%	99%	114%	2%
1,1-二氯乙烯	LB2143110	mg/kg	0.5	<0.5	0%	80%	89%	13%
	LB2143113	mg/kg	0.5	<0.5	0%	91%	86%	3%
顺-1,2-二氯乙烯	LB2143110	mg/kg	0.05	<0.05	0%	73%	81%	2%
	LB2143113	mg/kg	0.05	<0.05	0%	73%	80%	1%
反-1,2-二氯乙烯	LB2143110	mg/kg	0.05	<0.05	0%	71%	93%	1%
	LB2143113	mg/kg	0.05	<0.05	0%	81%	92%	2%
二氯甲烷	LB2143110	mg/kg	0.5	<0.5	0%	71%	92%	1%
	LB2143113	mg/kg	0.5	<0.5	0%	79%	90%	3%
1,2-二氯丙烷	LB2143110	mg/kg	0.05	<0.05	0%	75%	100%	2%
	LB2143113	mg/kg	0.05	<0.05	0%	92%	103%	1%
1,1,1,2-四氯乙烷	LB2143110	mg/kg	0.05	<0.05	0%	83%	107%	0%
	LB2143113	mg/kg	0.05	<0.05	0%	90%	95%	1%
1,1,1,2,2-四氯乙烷	LB2143110	mg/kg	0.05	<0.05	0%	72%	94%	2%
	LB2143113	mg/kg	0.05	<0.05	0%	90%	95%	2%
四氯乙烯	LB2143110	mg/kg	0.05	<0.05	0%	74%	98%	1%
	LB2143113	mg/kg	0.05	<0.05	0%	85%	98%	0%
1,1,1-三氯乙烷	LB2143110	mg/kg	0.05	<0.05	0%	81%	119%	4%
	LB2143113	mg/kg	0.05	<0.05	0%	81%	90%	1%



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土壤和沉积物 挥发性有机物的测定 吹扫捕集/气相色谱-质谱法 方法: HJ 605-2011 (继续)

分析指标	QC批号	单位	检出限	MB	DUP %RD	LCS	MS	MSD %RD
						%Recovery	%Recovery	
1,1,2-三氯乙烷	LB2143110	mg/kg	0.05	<0.05	0%	81%	96%	2%
	LB2143113	mg/kg	0.05	<0.05	0%	77%	87%	0%
三氯乙烯	LB2143110	mg/kg	0.05	<0.05	0%	82%	104%	3%
	LB2143113	mg/kg	0.05	<0.05	0%	94%	104%	1%
1,2,3-三氯丙烷	LB2143110	mg/kg	0.02	<0.02	0%	70%	91%	2%
	LB2143113	mg/kg	0.02	<0.02	0%	85%	96%	2%
氯乙烯	LB2143110	mg/kg	0.04	<0.04	0%	79%	90%	1%
	LB2143113	mg/kg	0.04	<0.04	0%	87%	84%	1%
苯	LB2143110	mg/kg	0.05	<0.05	0%	75%	101%	2%
	LB2143113	mg/kg	0.05	<0.05	0%	84%	95%	1%
氯苯	LB2143110	mg/kg	0.05	<0.05	0%	76%	102%	1%
	LB2143113	mg/kg	0.05	<0.05	0%	81%	89%	0%
1,2-二氯苯	LB2143110	mg/kg	0.05	<0.05	0%	74%	103%	1%
	LB2143113	mg/kg	0.05	<0.05	0%	92%	104%	1%
1,4-二氯苯	LB2143110	mg/kg	0.05	<0.05	0%	73%	99%	1%
	LB2143113	mg/kg	0.05	<0.05	0%	86%	98%	2%
乙苯	LB2143110	mg/kg	0.05	<0.05	0%	77%	102%	2%
	LB2143113	mg/kg	0.05	<0.05	0%	88%	100%	1%
苯乙烯	LB2143110	mg/kg	0.05	<0.05	0%	83%	112%	1%
	LB2143113	mg/kg	0.05	<0.05	0%	92%	101%	0%
甲苯	LB2143110	mg/kg	0.05	<0.05	0%	78%	102%	1%
	LB2143113	mg/kg	0.05	<0.05	0%	86%	94%	0%
间&对-二甲苯	LB2143110	mg/kg	0.05	<0.05	0%	85%	111%	1%
	LB2143113	mg/kg	0.05	<0.05	0%	88%	98%	1%
邻-二甲苯	LB2143110	mg/kg	0.05	<0.05	0%	81%	113%	1%
	LB2143113	mg/kg	0.05	<0.05	0%	94%	105%	0%
萘	LB2143110	mg/kg	0.05	<0.05	0%	90%	69%	2%
	LB2143113	mg/kg	0.05	<0.05	0%	126%	127%	1%

土壤和沉积物 有机磷类和拟除虫菊酯类等47种农药的测定 气相色谱-质谱法 方法: HJ 1023-2019

分析指标	QC批号	单位	检出限	MB	DUP %RD	LCS	MS	MSD %RD
						%Recovery	%Recovery	
溴氰菊酯	LB2144247	mg/kg	0.8	<0.8	0%	86%	74%	3%
	LB2144248	mg/kg	0.8	<0.8	0%	86%	81%	3%
氟虫腈	LB2144247	mg/kg	0.3	<0.3	0%	78%	77%	4%
	LB2144248	mg/kg	0.3	<0.3	0%	78%	72%	3%

土壤和沉积物 铜、锌、铅、镉、铬的测定 火焰原子吸收分光光度法 方法: HJ 491-2019

分析指标	QC批号	单位	检出限	MB	DUP %RD	LCS
						%Recovery
铜	LB2143983	mg/kg	1	<1	2%	93%
	LB2143985	mg/kg	1	<1	1%	91%
镉	LB2143983	mg/kg	3	<3	0%	86%
	LB2143985	mg/kg	3	<3	1%	90%



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土壤和沉积物 石油烃(C10-C40)的测定 气相色谱法 方法: HJ 1021-2019

分析指标	QC批号	单位	检出限	MB	DUP %RD	LCS %Recovery	MS %Recovery	MSD %RD
石油烃 (C ₁₀ -C ₄₀)	LB2143870	mg/kg	6	<6	13%	86%	72%	3%
	LB2143871	mg/kg	6	<6	2%	105%	75%	2%

土壤和沉积物 半挥发性有机物的测定 气相色谱-质谱法 方法: HJ 834-2017

分析指标	QC批号	单位	检出限	MB	DUP %RD	LCS %Recovery	MS %Recovery
2-氟苯酚	LB2144244	%	-	86%	6%	63%	65%
	LB2144245	%	-	86%	8%	61%	79%
苯酚-d6	LB2144244	%	-	65%	1%	60%	69%
	LB2144245	%	-	64%	1%	60%	60%
硝基苯-d5	LB2144244	%	-	69%	10%	64%	69%
	LB2144245	%	-	69%	7%	62%	70%
2-氟联苯	LB2144244	%	-	86%	0%	82%	79%
	LB2144245	%	-	85%	4%	83%	84%
对-三联苯-d14	LB2144244	%	-	109%	1%	92%	92%
	LB2144245	%	-	106%	2%	88%	85%
硝基苯	LB2144244	mg/kg	0.09	<0.09	0%	83%	74%
	LB2144245	mg/kg	0.09	<0.09	0%	80%	85%
苯胺	LB2144244	mg/kg	0.1	<0.1	0%	33%	44%
	LB2144245	mg/kg	0.1	<0.1	0%	33%	39%
2-氯苯酚	LB2144244	mg/kg	0.06	<0.06	0%	84%	75%
	LB2144245	mg/kg	0.06	<0.06	0%	82%	86%
苯并(a)葱	LB2144244	mg/kg	0.1	<0.1	0%	83%	84%
	LB2144245	mg/kg	0.1	<0.1	0%	84%	87%
苯并(a)芘	LB2144244	mg/kg	0.1	<0.1	0%	83%	85%
	LB2144245	mg/kg	0.1	<0.1	0%	85%	85%
苯并(b)荧蒽	LB2144244	mg/kg	0.2	<0.2	0%	89%	88%
	LB2144245	mg/kg	0.2	<0.2	0%	79%	88%
苯并(k)荧蒽	LB2144244	mg/kg	0.1	<0.1	0%	76%	74%
	LB2144245	mg/kg	0.1	<0.1	0%	85%	86%
屈	LB2144244	mg/kg	0.1	<0.1	0%	88%	88%
	LB2144245	mg/kg	0.1	<0.1	0%	85%	88%
二苯并(a,h)葱	LB2144244	mg/kg	0.1	<0.1	0%	87%	84%
	LB2144245	mg/kg	0.1	<0.1	0%	84%	81%
茚并(1,2,3-cd)芘	LB2144244	mg/kg	0.1	<0.1	0%	79%	72%
	LB2144245	mg/kg	0.1	<0.1	0%	79%	81%

土壤和沉积物 总汞的测定 催化热解-冷原子吸收分光光度法 方法: HJ 923-2017

分析指标	QC批号	单位	检出限	MB	DUP %RD	LCS %Recovery
汞	LB2143602	µg/kg	0.2	<0.2	1%	100%
	LB2143603	µg/kg	0.2	<0.2	24%	94%

土壤 总氟化物的测定 离子选择电极法 方法: HJ 873-2017



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土壤 总氟化物的测定 离子选择电极法 方法: HJ 873-2017 (继续)

分析指标	QC批号	单位	检出限	MB	DUP %RD	LCS %Recovery
总氟化物(以F计)	LB2145011	mg/kg	63	<63	1%	95%
	LB2145014	mg/kg	63	<63	0%	94%
	LB2145152	mg/kg	63	<63	1%	95%

土壤质量 铅、镉的测定 石墨炉原子吸收分光光度法&HJ832-2017 土壤和沉积物 金属元素总量的消解 微波消解法 方法: GB/T 17141-1997

分析指标	QC批号	单位	检出限	MB	DUP %RD	LCS %Recovery
铅	LB2144114	mg/kg	0.1	<0.1	2%	100%
	LB2144116	mg/kg	0.1	<0.1	3%	98%
镉	LB2144114	mg/kg	0.01	<0.01	2%	99%
	LB2144116	mg/kg	0.01	<0.01	2%	105%

有证物质 (CRM)

参数	QC批号	单位	检出限	测定值	证书编号	标准值	控制范围	
							下限	上限
土壤质量 铅、镉的测定 石墨炉原子吸收分光光度法&HJ832-2017 土壤和沉积物 金属元素总量的消解 微波消解法 方法: GB/T 17141-1997								
铅	LB2144114	mg/kg	0.1	28	GBW07452	28	27	29
铅	LB2144116	mg/kg	0.1	27	GBW07452	28	27	29
镉	LB2144114	mg/kg	0.01	0.15	GBW07452	0.15	0.13	0.17
镉	LB2144116	mg/kg	0.01	0.16	GBW07452	0.15	0.13	0.17

土壤中总砷的测定-原子荧光法 方法: GB/T 22105.2-2008

砷	LB2143941	mg/kg	0.01	11.6	GBW07452	11.8	10.9	12.7
砷	LB2143942	mg/kg	0.01	11.7	GBW07452	11.8	10.9	12.7

土壤和沉积物 铜、锌、铅、镍、铬的测定 火焰原子吸收分光光度法 方法: HJ 491-2019

铜	LB2143983	mg/kg	1	29.8	GBW07452	32	27.2	36.8
铜	LB2143985	mg/kg	1	29.0	GBW07452	32	27.2	36.8
镍	LB2143983	mg/kg	3	32.6	GBW07452	38	32.3	43.7
镍	LB2143985	mg/kg	3	34.1	GBW07452	38	32.3	43.7

土壤 总氟化物的测定 离子选择电极法 方法: HJ 873-2017

总氟化物(以F计)	LB2145011	mg/kg	63	532	GBW07454 (GSS-25)	561	518	604
总氟化物(以F计)	LB2145014	mg/kg	63	530	GBW07454 (GSS-25)	561	518	604



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有证物质 (CRM)

参数	QC批号	单位	检出限	测定值	证书编号	标准值	控制范围	
							下限	上限

土壤 总氟化物的测定 离子选择电极法 方法：HJ 873-2017(继续)

总氟化物(以F计)	LB2145152	mg/kg	63	534	GBW07454 (GSS-25)	561	518	604
-----------	-----------	-------	----	-----	----------------------	-----	-----	-----

土壤和沉积物 总汞的测定 催化热解-冷原子吸收分光光度法 方法：HJ 923-2017

汞	LB2143602	µg/kg	0.2	58	GBW07452	58	53	63
汞	LB2143603	µg/kg	0.2	54	GBW07452	58	53	63

*** 报告结束 ***



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检测报告

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 客户 伊尔姆环境资源管理咨询(上海)有限公司
 地址 中国上海市四川北路1350号利通广场2005室
 电话 86 21 53853050
 传真 -
 Email -
 订单号 -
 样品 土壤(21)
 项目 -

实验室信息

管理者 SGS-CSTC
 实验室 环境实验室
 地址 上海市徐汇区宜山路889号3号楼2楼
 电话 +86 (21) 6140 2666-2002
 传真 +86 (21) 6115 2164
 Email REPORT.ENV@SGS.COM
 报告编号 SHE21-13536 R2
 SGS编号 0000214762
 报告日期 2021/12/08
 分析日期 2021/11/22 - 2021/12/07

备注

1. 结果适用于收到的样品。
2. 项目名称：0598802 拜尔作物科学（中国）有限公司自行监测。

报告批准人

李超然

李超然
报告编制

刘真

刘真
审核

王红楼

王红楼
批准人



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符号表/Legend

- "-" 未测试该参数或不适用/The parameter is not tested or not applicable
- ↑ 提高检出限/Detection limit raised
- ↓ 降低检出限/Detection limit lowered
- ND 未检出/Not Detected



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分析指标	方法	单位	检出限	检测结果	检测结果	检测结果	检测结果
六价铬	HJ 1082	mg/kg	0.5	ND	ND	ND	ND

分析指标	方法	单位	检出限	检测结果	检测结果	检测结果	检测结果
六价铬	HJ 1082	mg/kg	0.5	ND	ND	ND	ND

分析指标	方法	单位	检出限	检测结果	检测结果	检测结果	检测结果
六价铬	HJ 1082	mg/kg	0.5	ND	ND	ND	ND

分析指标	方法	单位	检出限	检测结果	检测结果	检测结果	检测结果
六价铬	HJ 1082	mg/kg	0.5	ND	ND	ND	ND



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实验室编号	21-13536.017	21-13536.018	21-13536.019	21-13536.020
样品名称	1D02-060	DZS01-005	DZS01-020	DUP-1-S
检测类别	土壤	土壤	土壤	土壤
样品描述	棕色较密	棕色较密	棕色较密	棕色较密
收样日期	2021/11/22	2021/11/22	2021/11/22	2021/11/22

分析指标	方法	单位	检出限	检测结果
六价铬	HJ 1082	mg/kg	0.5	ND

实验室编号	21-13536.021
样品名称	DUP-2-S
检测类别	土壤
样品描述	棕色较密
收样日期	2021/11/22

分析指标	方法	单位	检出限	检测结果
六价铬	HJ 1082	mg/kg	0.5	ND



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方法列表

HJ 1082-2019 土壤和沉积物 六价铬的测定 碱溶液提取-火焰原子吸收分光光度法



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方法:HJ 1082-2019

仪器名称	型号	仪器编号	出厂序号
原子吸收光谱仪	ThermoFisher iCE3500	CHEM-1161	SA17510136



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LB2143582		LB2143583	
DUP	MS	DUP	MS
SHE21-13536.001	SHE21-13536.001	SHE21-13536.021	SHE21-13536.021

MB为方法空白结果；
 LCS为实验室控制样品回收率，MS为基质加标回收率，以Recovery%表示；
 DUP以及MSD为双样以及双样加标回收率的相对偏差，以RD%表示。

土壤和沉积物 六价铬的测定 碱溶液提取-火焰原子吸收分光光度法 方法: HJ 1082-2019

分析指标	QC批号	单位	检出限	MB	DUP %RD	LCS	MS
						%Recovery	%Recovery
六价铬	LB2143582	mg/kg	0.5	<0.5	0%	101%	96%
	LB2143583	mg/kg	0.5	<0.5	0%	102%	98%

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检测报告

客户信息

联系人: Ling ZHU
 客户: 伊尔姆环境资源管理咨询(上海)有限公司
 地址: 中国上海市四川北路1350号利通广场2005室
 电话: 86 21 53853050
 传真: -
 Email: -
 订单号: -
 样品: 土壤(21)
 项目: -

实验室信息

管理者: SGS-CSTC
 实验室: 环境实验室
 地址: 上海市徐汇区宜山路889号3号楼2楼
 电话: +86 (21) 6140 2666-2002
 传真: +86 (21) 6115 2164
 Email: REPORT.ENV@SGS.COM
 报告编号: SHE21-13567 R0
 SGS编号: 0000213811
 报告日期: 2021/12/03
 分析日期: 2021/11/22 - 2021/12/02

备注

1. 结果适用于收到的样品。
2. 项目名称: 0598802 拜尔作物科学(中国)有限公司自行监测。

报告批准人

李超然

李超然
报告编制

孟俊

孟俊
审核

王红楼

王红楼
批准人



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- ↑ 提高检出限/Detection limit raised
- ↓ 降低检出限/Detection limit lowered
- ND 未检出/Not Detected



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		实验室编号	21-13567.001	21-13567.002	21-13567.003	21-13567.004
		样品名称	1A01-005	1A01-015	1B01-005	1B01-010
		检测类别	土壤	土壤	土壤	土壤
		样品描述	棕色较密	棕色较密	棕色较密	棕色较密
		收样日期	2021/11/22	2021/11/22	2021/11/22	2021/11/22
分析指标	方法	单位	检出限	检测结果		
N,N-二甲基甲酰胺*	by GC/FID	mg/kg	2.5	ND	ND	ND

		实验室编号	21-13567.005	21-13567.006	21-13567.007	21-13567.008
		样品名称	1B02-005	1B02-015	1B02-040	1B02-060
		检测类别	土壤	土壤	土壤	土壤
		样品描述	棕色较密	棕色较密	棕色较密	棕色较密
		收样日期	2021/11/22	2021/11/22	2021/11/22	2021/11/22
分析指标	方法	单位	检出限	检测结果		
N,N-二甲基甲酰胺*	by GC/FID	mg/kg	2.5	ND	ND	ND

		实验室编号	21-13567.009	21-13567.010	21-13567.011	21-13567.012
		样品名称	1C01-005	1C01-010	1C01-040	1D01-005
		检测类别	土壤	土壤	土壤	土壤
		样品描述	棕色较密	棕色较密	棕色较密	棕色较密
		收样日期	2021/11/22	2021/11/22	2021/11/22	2021/11/22
分析指标	方法	单位	检出限	检测结果		
N,N-二甲基甲酰胺*	by GC/FID	mg/kg	2.5	ND	ND	ND

		实验室编号	21-13567.013	21-13567.014	21-13567.015	21-13567.016
		样品名称	1D01-015	1D02-005	1D02-020	1D02-040
		检测类别	土壤	土壤	土壤	土壤
		样品描述	棕色较密	棕色较密	棕色较密	棕色较密
		收样日期	2021/11/22	2021/11/22	2021/11/22	2021/11/22
分析指标	方法	单位	检出限	检测结果		
N,N-二甲基甲酰胺*	by GC/FID	mg/kg	2.5	ND	ND	ND



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实验室编号	21-13567.017	21-13567.018	21-13567.019	21-13567.020
样品名称	1D02-060	DZS01-005	DZS01-020	DUP-1-S
检测类别	土壤	土壤	土壤	土壤
样品描述	棕色较密	棕色较密	棕色较密	棕色较密
收样日期	2021/11/22	2021/11/22	2021/11/22	2021/11/22

分析指标	方法	单位	检出限	检测结果
N,N-二甲基甲酰胺*	by GC/FID	mg/kg	2.5	ND

实验室编号	21-13567.021
样品名称	DUP-2-S
检测类别	土壤
样品描述	棕色较密
收样日期	2021/11/22

分析指标	方法	单位	检出限	检测结果
N,N-二甲基甲酰胺*	by GC/FID	mg/kg	2.5	ND

备注：

1.*:项目测试不在CMA 资质认定和CNAS实验室认可范围内，本检测报告仅用于客户科研、教学、内部质量控制、产品研发等目的，仅供内部参考。



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方法列表

by GC/FID DMF 实验室内部方法



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方法:by GC/FID

仪器名称	型号	仪器编号	出厂序号
气相色谱仪-火焰离子化检测器/氮磷检测器	Agilent 6890N	CHEM-ENV072	US10449051



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LB2144264			LB2144265		
DUP	MS	MSD	DUP	MS	MSD
SHE21-13567.001	SHE21-13567.001	SHE21-13567.001	SHE21-13567.021	SHE21-13567.021	SHE21-13567.021

MB为方法空白结果；
 LCS为实验室控制样品回收率，MS为基质加标回收率，以Recovery%表示；
 DUP以及MSD为双样以及双样加标回收率的相对偏差，以RD%表示。

DMF 实验室内部方法 方法: by GC/FID

分析指标	QC批号	单位	检出限	MB	DUP %RD	LCS	MS	MSD %RD
						%Recovery	%Recovery	
N,N-二甲基甲酰胺	LB2144264	mg/kg	2.5	<2.5	0%	129%	113%	1%
	LB2144265	mg/kg	2.5	<2.5	0%	118%	112%	3%

*** 报告结束 ***



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检测报告

客户信息

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电话: 86 21 53853050
传真: -
Email: -
订单号: -
样品: 空白(1) 地下水(7)
项目: -

实验室信息

管理者: SGS-CSTC
实验室: 环境实验室
地址: 上海市徐汇区宜山路889号3号楼2楼
电话: +86 (21) 6140 2666-2002
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Email: REPORT.ENV@SGS.COM
报告编号: SHE21-13534 R0
SGS编号: 0000213892
报告日期: 2021/12/03
分析日期: 2021/11/22 - 2021/12/03

备注

1. 结果适用于收到的样品。
2. 项目名称: 0598802 拜尔作物科学(中国)有限公司自行监测。

报告批准人

李超然

李超然
报告编制

孟俊

孟俊
审核

唐黎琼 朱万江

唐黎琼 朱万江
批准人



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6. 送检样品的样品类型、样品名称、样品描述、项目名称等信息由客户提供，样品的代表性和真实性由委托人负责。
The sample type, sample name, sample description, project name and other information of the submitted samples are provided by the client. The representativeness and authenticity of the samples are in the charge of the client.
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Should you have any queries or objection to the test report, please contact us within 10 days after receiving the report.

符号表/Legend

- "-" 未测试该参数或不适用/The parameter is not tested or not applicable
- ↑ 提高检出限/Detection limit raised
- ↓ 降低检出限/Detection limit lowered
- ND 未检出/Not Detected



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实验室编号	21-13534.001	21-13534.002	21-13534.003	21-13534.004
样品名称	2A01-W	2B01-W	2B02-W	2C01-W
检测类别	地下水	地下水	地下水	地下水
样品描述	微黄微浑	微黄微浑	微黄微浑	微黄微浑
收样日期	2021/11/22	2021/11/22	2021/11/22	2021/11/22

分析指标	方法	单位	检出限	检测结果			
氯化物	HJ 84	mg/L	0.007	43.6	1.45	61.2	95.9
氟化物	HJ 84	mg/L	0.006	0.344	0.770	48.1	1.40
硫酸盐	HJ 84	mg/L	0.018	1.15	10.7	21.0	132
亚硝酸盐氮 (N计)	HJ 84	mg/L	0.005	0.042	0.062	4.67	0.114
硝酸盐氮 (N计)	HJ 84	mg/L	0.0036	0.0190	0.173	0.0723	0.0177
氨氮	HJ 536	mg/L	0.004	0.938	1.02	9.14	0.794
高锰酸盐指数	GB 11892	O ₂ , mg/L	0.5	2.6	1.2	6.8	5.3
六价铬	GB/T 7467	mg/L	0.004	ND	ND	ND	ND
镉	HJ 700	µg/L	0.05	ND	ND	ND	ND
铜	HJ 700	µg/L	0.08	0.73	0.60	0.78	0.64
镍	HJ 700	µg/L	0.06	0.85	1.15	4.56	4.45
铅	HJ 700	µg/L	0.09	0.39	0.17	1.36	1.34
汞	HJ 694	µg/L	0.04	0.10	1.24	0.14	0.12
砷	HJ 694	µg/L	0.3	15.2	13.7	129	12.1
溴氟菊酯	HJ 753	µg/L	0.04	ND	ND	ND	ND
氟虫腈	NY/T 3277	µg/L	1.0	ND	ND	ND	ND
石油烃 (C ₁₀ -C ₄₀)	HJ 894	mg/L	0.01	0.05	0.03	0.06	0.04
挥发性有机物							
替代物							
甲苯-d8	HJ 639	%	-	90.9	100	95.1	93.8
4-溴氟苯	HJ 639	%	-	99.0	103	96.8	100
二溴一氟甲烷	HJ 639	%	-	104	104	105	99.0
挥发性有机物							
单环芳烃							
苯	HJ 639	µg/L	1.4	ND	ND	3.2	ND
甲苯	HJ 639	µg/L	1.4	ND	ND	ND	ND
乙苯	HJ 639	µg/L	0.8	ND	ND	ND	ND
苯乙烯	HJ 639	µg/L	0.6	ND	ND	ND	ND
间&对-二甲苯	HJ 639	µg/L	2.2	ND	ND	ND	ND
邻-二甲苯	HJ 639	µg/L	1.4	ND	ND	ND	ND
熏蒸剂							
1,2-二氯丙烷	HJ 639	µg/L	1.2	ND	ND	ND	ND
卤代脂肪烃							
氯甲烷	HJ 639	µg/L	1.5	ND	ND	ND	ND
氯乙烯	HJ 639	µg/L	1.5	ND	ND	ND	ND
1,1-二氯乙烯	HJ 639	µg/L	1.2	ND	ND	ND	ND
二氯甲烷	HJ 639	µg/L	1.0	ND	ND	ND	ND
反-1,2-二氯乙烯	HJ 639	µg/L	1.1	ND	ND	ND	ND
1,1-二氯乙烷	HJ 639	µg/L	1.2	ND	ND	ND	ND
顺-1,2-二氯乙烯	HJ 639	µg/L	1.2	ND	ND	ND	ND
1,1,1-三氯乙烯	HJ 639	µg/L	1.4	ND	ND	ND	ND
四氯化碳	HJ 639	µg/L	1.5	ND	ND	ND	ND
1,2-二氯乙烷	HJ 639	µg/L	1.4	ND	ND	ND	ND
三氯乙烯	HJ 639	µg/L	1.2	ND	ND	ND	ND
1,1,2-三氯乙烷	HJ 639	µg/L	1.5	ND	ND	ND	ND
四氯乙烯	HJ 639	µg/L	1.2	ND	ND	ND	ND
1,1,1,2-四氯乙烷	HJ 639	µg/L	1.5	ND	ND	ND	ND
1,1,2,2-四氯乙烷	HJ 639	µg/L	1.1	ND	ND	ND	ND
1,2,3-三氯丙烷	HJ 639	µg/L	1.2	ND	ND	ND	ND
卤代芳烃							



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		实验室编号	21-13534.001	21-13534.002	21-13534.003	21-13534.004	
		样品名称	2A01-W	2B01-W	2B02-W	2C01-W	
		检测类别	地下水	地下水	地下水	地下水	
		样品描述	微黄微浑	微黄微浑	微黄微浑	微黄微浑	
		收样日期	2021/11/22	2021/11/22	2021/11/22	2021/11/22	
分析指标	方法	单位	检出限	检测结果			
氯苯	HJ 639	µg/L	1.0	ND	ND	215	ND
1,4-二氯苯	HJ 639	µg/L	0.8	ND	ND	ND	ND
1,2-二氯苯	HJ 639	µg/L	0.8	ND	ND	ND	ND
三卤甲烷							
氯仿	HJ 639	µg/L	1.4	ND	ND	ND	ND
萘							
萘	HJ 639	µg/L	1.0	ND	ND	ND	ND
硝基苯类							
硝基苯	HJ 716	µg/L	0.04	ND	ND	ND	ND
苯酚类							
2-氯苯酚	HJ 744	µg/L	0.1	ND	ND	ND	ND
替代物							
十氟联苯	HJ 478	%	-	64	83	51	75
多环芳烃类							
苯并(a)蒽	HJ 478	µg/L	0.007	ND	ND	ND	ND
屈	HJ 478	µg/L	0.008	ND	ND	ND	ND
苯并(a)芘	HJ 478	µg/L	0.004	ND	ND	ND	ND
苯并(b)荧蒹	HJ 478	µg/L	0.003	ND	ND	ND	ND
苯并(k)荧蒹	HJ 478	µg/L	0.004	ND	ND	ND	ND
茚并(1,2,3-cd)芘	HJ 478	µg/L	0.003	ND	ND	ND	ND
二苯并(a,h)蒹	HJ 478	µg/L	0.003	ND	ND	ND	ND
苯胺类							
苯胺	HJ 1048	µg/L	0.2	ND	ND	ND	ND

		实验室编号	21-13534.005	21-13534.006	21-13534.007		
		样品名称	2D01-W	DZW01-W	DUP-1-W		
		检测类别	地下水	地下水	地下水		
		样品描述	微黄微浑	微黄微浑	微黄微浑		
		收样日期	2021/11/22	2021/11/22	2021/11/22		
分析指标	方法	单位	检出限	检测结果			
氯化物	HJ 84	mg/L	0.007	2.44	1.18	2.42	
氟化物	HJ 84	mg/L	0.006	0.306	0.747	0.300	
硫酸盐	HJ 84	mg/L	0.018	12.2	49.2	11.7	
亚硝酸盐氮 (N计)	HJ 84	mg/L	0.005	0.010	ND	0.017	
硝酸盐氮 (N计)	HJ 84	mg/L	0.0036	0.0402	0.0164	0.0242	
氨氮	HJ 536	mg/L	0.004	1.37	2.28	1.44	
高锰酸盐指数	GB 11892	O ₂ , mg/L	0.5	1.4	3.3	1.3	
六价铬	GB/T 7467	mg/L	0.004	ND	ND	ND	
镉	HJ 700	µg/L	0.05	ND	ND	ND	
铜	HJ 700	µg/L	0.08	0.29	0.14	ND	
镍	HJ 700	µg/L	0.06	1.49	0.15	ND	
铅	HJ 700	µg/L	0.09	0.35	ND	ND	
汞	HJ 694	µg/L	0.04	1.28	0.13	0.10	
砷	HJ 694	µg/L	0.3	8.2	1.1	6.9	
溴氟菊酯	HJ 753	µg/L	0.04	ND	ND	ND	
氟虫腈	NY/T 3277	µg/L	1.0	ND	ND	ND	
石油烃 (C ₁₀ -C ₄₀)	HJ 894	mg/L	0.01	0.03	0.03	0.03	
挥发性有机物							
替代物							
甲苯-d8	HJ 639	%	-	98.0	89.8	96.0	



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分析指标	方法	单位	检出限	检测结果	21-13534.005	21-13534.006	21-13534.007
4-溴氟苯	HJ 639	%	-	104	97.2	96.4	
二溴一氟甲烷	HJ 639	%	-	108	105	100	
挥发性有机物							
单环芳烃							
苯	HJ 639	µg/L	1.4	ND	ND	ND	
甲苯	HJ 639	µg/L	1.4	ND	ND	ND	
乙苯	HJ 639	µg/L	0.8	ND	ND	ND	
苯乙烯	HJ 639	µg/L	0.6	ND	ND	ND	
间&对-二甲苯	HJ 639	µg/L	2.2	ND	ND	ND	
邻-二甲苯	HJ 639	µg/L	1.4	ND	ND	ND	
熏蒸剂							
1,2-二氯丙烷	HJ 639	µg/L	1.2	ND	ND	ND	
卤代脂肪烃							
氯甲烷	HJ 639	µg/L	1.5	ND	ND	ND	
氯乙烷	HJ 639	µg/L	1.5	ND	ND	ND	
1,1-二氯乙烯	HJ 639	µg/L	1.2	ND	ND	ND	
二氯甲烷	HJ 639	µg/L	1.0	ND	ND	ND	
反-1,2-二氯乙烯	HJ 639	µg/L	1.1	ND	ND	ND	
1,1-二氯乙烷	HJ 639	µg/L	1.2	ND	ND	ND	
顺-1,2-二氯乙烯	HJ 639	µg/L	1.2	ND	ND	ND	
1,1,1-三氯乙烷	HJ 639	µg/L	1.4	ND	ND	ND	
四氯化碳	HJ 639	µg/L	1.5	ND	ND	ND	
1,2-二氯乙烷	HJ 639	µg/L	1.4	ND	ND	ND	
三氯乙烯	HJ 639	µg/L	1.2	ND	ND	ND	
1,1,2-三氯乙烷	HJ 639	µg/L	1.5	ND	ND	ND	
四氯乙烯	HJ 639	µg/L	1.2	ND	ND	ND	
1,1,1,2-四氯乙烷	HJ 639	µg/L	1.5	ND	ND	ND	
1,1,2,2-四氯乙烷	HJ 639	µg/L	1.1	ND	ND	ND	
1,2,3-三氯丙烷	HJ 639	µg/L	1.2	ND	ND	ND	
卤代芳烃							
氯苯	HJ 639	µg/L	1.0	2.9	ND	2.5	
1,4-二氯苯	HJ 639	µg/L	0.8	ND	ND	ND	
1,2-二氯苯	HJ 639	µg/L	0.8	ND	ND	ND	
三卤甲烷							
氯仿	HJ 639	µg/L	1.4	ND	ND	ND	
萘							
萘	HJ 639	µg/L	1.0	ND	ND	ND	
硝基苯类							
硝基苯	HJ 716	µg/L	0.04	ND	ND	ND	
苯酚类							
2-氯苯酚	HJ 744	µg/L	0.1	ND	ND	ND	
替代物							
十氯联苯	HJ 478	%	-	79	77	66	
多环芳烃类							
苯并(a)蒽	HJ 478	µg/L	0.007	ND	ND	ND	
屈	HJ 478	µg/L	0.008	ND	ND	ND	
苯并(a)芘	HJ 478	µg/L	0.004	ND	ND	ND	
苯并(b)荧蒽	HJ 478	µg/L	0.003	ND	ND	ND	
苯并(k)荧蒽	HJ 478	µg/L	0.004	ND	ND	ND	
茚并(1,2,3-cd)芘	HJ 478	µg/L	0.003	ND	ND	ND	



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实验室编号	21-13534.005	21-13534.006	21-13534.007
样品名称	2D01-W	DZW01-W	DUP-1-W
检测类别	地下水	地下水	地下水
样品描述	微黄微浑	微黄微浑	微黄微浑
收样日期	2021/11/22	2021/11/22	2021/11/22

分析指标	方法	单位	检出限	检测结果		
二苯并(a,h)蒽	HJ 478	µg/L	0.003	ND	ND	ND
苯胺类						
苯胺	HJ 1048	µg/L	0.2	ND	ND	ND



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实验室编号	21-13534.008
样品名称	TB-1
检测类别	空白
样品描述	-
收样日期	2021/11/22

分析指标	方法	单位	检出限	检测结果
氟虫腈	NY/T 3277	µg/L	1.0	ND
挥发性有机物				
替代物				
甲苯-d8	HJ 639	%	-	103
4-溴氟苯	HJ 639	%	-	94.8
二溴一氟甲烷	HJ 639	%	-	95.0
挥发性有机物				
单环芳烃				
苯	HJ 639	µg/L	1.4	ND
甲苯	HJ 639	µg/L	1.4	ND
乙苯	HJ 639	µg/L	0.8	ND
苯乙烯	HJ 639	µg/L	0.6	ND
间&对-二甲苯	HJ 639	µg/L	2.2	ND
邻-二甲苯	HJ 639	µg/L	1.4	ND
熏蒸剂				
1,2-二氯丙烷	HJ 639	µg/L	1.2	ND
卤代脂肪烃				
氯甲烷	HJ 639	µg/L	1.5	ND
氯乙烯	HJ 639	µg/L	1.5	ND
1,1-二氯乙烯	HJ 639	µg/L	1.2	ND
二氯甲烷	HJ 639	µg/L	1.0	ND
反-1,2-二氯乙烯	HJ 639	µg/L	1.1	ND
1,1-二氯乙烯	HJ 639	µg/L	1.2	ND
顺-1,2-二氯乙烯	HJ 639	µg/L	1.2	ND
1,1,1-三氯乙烯	HJ 639	µg/L	1.4	ND
四氯化碳	HJ 639	µg/L	1.5	ND
1,2-二氯乙烷	HJ 639	µg/L	1.4	ND
三氯乙烯	HJ 639	µg/L	1.2	ND
1,1,2-三氯乙烷	HJ 639	µg/L	1.5	ND
四氯乙烯	HJ 639	µg/L	1.2	ND
1,1,1,2-四氯乙烷	HJ 639	µg/L	1.5	ND
1,1,2,2-四氯乙烷	HJ 639	µg/L	1.1	ND
1,2,3-三氯丙烷	HJ 639	µg/L	1.2	ND
卤代芳烃				
氯苯	HJ 639	µg/L	1.0	ND
1,4-二氯苯	HJ 639	µg/L	0.8	ND
1,2-二氯苯	HJ 639	µg/L	0.8	ND
三卤甲烷				
氯仿	HJ 639	µg/L	1.4	ND
萘				
萘	HJ 639	µg/L	1.0	ND



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方法列表

HJ 84-2016 水质 阴离子的测定 离子色谱法
 HJ 536-2009 水质 氨氮的测定 水杨酸分光光度法
 GB 11892-1989 水质 高锰酸盐指数的测定
 GB/T 7467-1987 水质 六价铬的测定 二苯碳酰二肼分光光度法
 HJ 700-2014 水质 65种元素的测定 电感耦合等离子体质谱法
 HJ 694-2014 水质 汞、砷、硒、铋和锑的测定原子荧光法
 HJ 753-2015 水质 百菌清及拟除虫菊酯类农药的测定 气相色谱-质谱法
 NY/T 3277-2018 水中88种农药及代谢物残留量的测定液相色谱-串联质谱法和气相色谱-串联质谱法
 HJ 894-2017 水质 可萃取性石油烃C10-C40的测定 气相色谱法
 HJ 639-2012 水质 挥发性有机物的测定 吹扫捕集/气相色谱-质谱法
 HJ 716-2014 水质 硝基苯类化合物的测定 气相色谱-质谱法
 HJ 744-2015 水质 酚类化合物的测定 气相色谱-质谱法
 HJ 478-2009 水质 多环芳烃的测定 液液萃取和固相萃取高效液相色谱法
 HJ 1048-2019 水质 17种苯胺类化合物的测定 液相色谱-三重四极杆质谱法



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方法:HJ 84-2016

仪器名称	型号	仪器编号	出厂序号
离子色谱仪	AQUION 1100	CHEM-1253	S/N 181291054P/N 22176-60009

方法:HJ 536-2009

仪器名称	型号	仪器编号	出厂序号
紫外可见分光光度计	PE Lambda365	chem-1355	365k20030307

方法:GB 11892-1989

仪器名称	型号	仪器编号	出厂序号
全自动高锰酸盐指数分析仪	202W	CHEM-1446	14100169A202

方法:GB/T 7467-1987

仪器名称	型号	仪器编号	出厂序号
紫外可见分光光度计	PE Lambda365	CHEM-1355	365k20030307

方法:HJ 700-2014

仪器名称	型号	仪器编号	出厂序号
电感耦合等离子体质谱仪	Agilent 7900	CHEM-998	JP16311502

方法:HJ 694-2014

仪器名称	型号	仪器编号	出厂序号
原子荧光光度计	AFS-933	CHEM-1279	933-17112125
原子荧光光度计	Kylin-S12	CHEM-1401	KS12-2010075

方法:HJ 753-2015

仪器名称	型号	仪器编号	出厂序号
气相色谱质谱仪	Agilent 7890B/5977A	CHEM-1118	CN18053182/US1805M023

方法:HJ 894-2017

仪器名称	型号	仪器编号	出厂序号
气相色谱仪-氢火焰离子检测器	Agilent 7890B	CHEM-ENV004	CN13283140

方法:HJ 639-2012

仪器名称	型号	仪器编号	出厂序号
吹扫捕集气相色谱质谱仪	Agilent AQUATEk100/7890B/5977A	CHEM-937	US15240014/CN15423234/US1541L452

方法:HJ 716-2014

仪器名称	型号	仪器编号	出厂序号
气相色谱质谱仪	Agilent 7890B/5977A	CHEM-1118	CN18053182/US1805M023

方法:HJ 744-2015

仪器名称	型号	仪器编号	出厂序号
气相色谱质谱仪	Agilent 7890B/5977B	CHEM-1175	CN18293008/US1824R018

方法:HJ 478-2009

仪器名称	型号	仪器编号	出厂序号
超高效液相色谱	Thermo UltiMate 3000	CHEM-1420	S/N:8180999 S/N:8180977 S/N:8181696

方法:HJ 1048-2019

仪器名称	型号	仪器编号	出厂序号
液相色谱-二极管阵列检测器/质谱联用仪	1260/6460	CHEM-1020	SG16517305



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LB2142642		LB2142927		
DUP	MS	DUP	MS	MSD
SHE21-13534.001	SHE21-13534.001	SHE21-13534.001	SHE21-13534.001	SHE21-13534.001
LB2142946		LB2143266		
DUP	DUP	MS	MSD	
SHE21-13561.001	SHE21-13534.001	SHE21-13534.001	SHE21-13534.001	
LB2143592		LB2143709		
DUP	MS	DUP		
SHE21-13534.003	SHE21-13534.003	SHE21-13561.001		
LB2143764		LB2144014		
DUP		DUP		
SHE21-13534.002		SHE21-13534.001		
LB2144102		LB2144163		
DUP	MS	MSD	DUP	
QCO21-01842.001	QCO21-01842.001	QCO21-01842.001	QCO21-01848.001	
LB2144200		LB2144202		
DUP	MS	DUP	MS	
SHE21-13534.003	SHE21-13534.003	SHE21-13534.003	SHE21-13534.003	

MB为方法空白结果；
LCS为实验室控制样品回收率，MS为基质加标回收率，以Recovery%表示；
DUP以及MSD为双样以及双样加标回收率的相对偏差，以RD%表示。

水质 百菌清及拟除虫菊酯类农药的测定 气相色谱-质谱法 方法: HJ 753-2015

分析指标	QC批号	单位	检出限	MB	DUP %RD	LCS %Recovery	MS %Recovery
溴氰菊酯	LB2144200	µg/L	0.04	<0.04	0%	71%	72%

水质 可萃取性石油烃C10-C40的测定 气相色谱法 方法: HJ 894-2017

分析指标	QC批号	单位	检出限	MB	LCS %Recovery
石油烃 (C ₁₀ -C ₄₀)	LB2143461	mg/L	0.01	<0.01	90%

水质 17种苯胺类化合物的测定 液相色谱-三重四极杆质谱法 方法: HJ 1048-2019

分析指标	QC批号	单位	检出限	MB	DUP %RD	LCS %Recovery	MS %Recovery	MSD %RD
苯胺	LB2142927	µg/L	0.2	<0.2	0%	100%	109%	1%

水质 65种元素的测定 电感耦合等离子体质谱法 方法: HJ 700-2014

分析指标	QC批号	单位	检出限	MB	DUP %RD	LCS %Recovery	MS %Recovery	MSD %RD
镉	LB2143266	µg/L	0.05	<0.05	0%	103%	97%	2%
铜	LB2143266	µg/L	0.08	<0.08	7%	101%	95%	2%



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DUP以及MSD为双样以及双样加标回收率的相对偏差，以RD%表示。

水质 65种元素的测定 电感耦合等离子体质谱法 方法: HJ 700-2014 (继续)

分析指标	QC批号	单位	检出限	MB	DUP %RD	LCS %Recovery	MS %Recovery	MSD %RD
镍	LB2143266	µg/L	0.06	<0.06	11%	102%	95%	1%
铅	LB2143266	µg/L	0.09	<0.09	7%	104%	113%	2%

水质 氨氮的测定 水杨酸分光光度法 方法: HJ 536-2009

分析指标	QC批号	单位	检出限	MB	DUP %RD	LCS %Recovery
氨氮	LB2143764	mg/L	0.004	<0.004	0%	97%

水质 汞、砷、硒、铊和锑的测定原子荧光法 方法: HJ 694-2014

分析指标	QC批号	单位	检出限	MB	DUP %RD	LCS %Recovery
汞	LB2144014	µg/L	0.04	<0.04	1%	91%
砷	LB2144014	µg/L	0.3	<0.3	2%	97%

水质 硝基苯类化合物的测定 气相色谱-质谱法 方法: HJ 716-2014

分析指标	QC批号	单位	检出限	MB	DUP %RD	LCS %Recovery	MS %Recovery
硝基苯	LB2143592	µg/L	0.04	<0.04	0%	79%	71%

水质 多环芳烃的测定 液液萃取和固相萃取高效液相色谱法 方法: HJ 478-2009

分析指标	QC批号	单位	检出限	MB	DUP %RD	LCS %Recovery
十氟联苯	LB2144163	%	-	64%	0%	68%
苯并(a)蒽	LB2144163	µg/L	0.007	<0.007	0%	72%
屈	LB2144163	µg/L	0.008	<0.008	0%	72%
苯并(a)芘	LB2144163	µg/L	0.004	<0.004	0%	80%
苯并(b)荧蒽	LB2144163	µg/L	0.003	<0.003	0%	72%
苯并(k)荧蒽	LB2144163	µg/L	0.004	<0.004	0%	72%
茚并(1,2,3-cd)芘	LB2144163	µg/L	0.003	<0.003	0%	71%
二苯并(a,h)蒽	LB2144163	µg/L	0.003	<0.003	0%	71%

水质 高锰酸盐指数的测定 方法: GB 11892-1989

分析指标	QC批号	单位	检出限	MB	DUP %RD	LCS %Recovery
高锰酸盐指数	LB2143709	O ₂ , mg/L	0.5	<0.5	1%	100%

水质 挥发性有机物的测定 吹扫捕集/气相色谱-质谱法 方法: HJ 639-2012

分析指标	QC批号	单位	检出限	MB	DUP %RD	LCS %Recovery	MS %Recovery	MSD %RD
甲苯-d8	LB2144102	%	-	71%	3%	94%	87%	5%
4-溴氟苯	LB2144102	%	-	105%	1%	97%	97%	1%
二溴一氟甲烷	LB2144102	%	-	97%	4%	106%	104%	1%
苯	LB2144102	µg/L	1.4	<1.4	0%	91%	90%	0%
甲苯	LB2144102	µg/L	1.4	<1.4	0%	89%	83%	4%



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DUP以及MSD为双样以及双样加标回收率的相对偏差，以RD%表示。

水质 挥发性有机物的测定 吹扫捕集/气相色谱-质谱法 方法: HJ 639-2012 (继续)

分析指标	QC批号	单位	检出限	MB	DUP %RD	LCS %Recovery	MS %Recovery	MSD %RD
乙苯	LB2144102	µg/L	0.8	<0.8	0%	87%	80%	4%
苯乙烯	LB2144102	µg/L	0.6	<0.6	0%	94%	88%	5%
间&对-二甲苯	LB2144102	µg/L	2.2	<2.2	0%	91%	85%	5%
邻-二甲苯	LB2144102	µg/L	1.4	<1.4	0%	93%	84%	5%
1,2-二氯丙烷	LB2144102	µg/L	1.2	<1.2	0%	87%	96%	4%
氯甲烷	LB2144102	µg/L	1.5	<1.5	0%	112%	105%	1%
氯乙烷	LB2144102	µg/L	1.5	<1.5	0%	83%	77%	1%
1,1-二氯乙烯	LB2144102	µg/L	1.2	<1.2	0%	88%	86%	0%
二氯甲烷	LB2144102	µg/L	1	<1.0	0%	97%	91%	2%
反-1,2-二氯乙烯	LB2144102	µg/L	1.1	<1.1	0%	95%	94%	1%
1,1-二氯乙烷	LB2144102	µg/L	1.2	<1.2	0%	93%	91%	5%
顺-1,2-二氯乙烯	LB2144102	µg/L	1.2	<1.2	0%	92%	93%	3%
1,1,1-三氯乙烷	LB2144102	µg/L	1.4	<1.4	0%	98%	100%	2%
四氯化碳	LB2144102	µg/L	1.5	<1.5	0%	96%	96%	1%
1,2-二氯乙烷	LB2144102	µg/L	1.4	<1.4	0%	101%	100%	0%
三氯乙烯	LB2144102	µg/L	1.2	<1.2	0%	89%	100%	8%
1,1,2-三氯乙烷	LB2144102	µg/L	1.5	<1.5	0%	89%	86%	7%
四氯乙烯	LB2144102	µg/L	1.2	<1.2	0%	97%	89%	5%
1,1,1,2-四氯乙烷	LB2144102	µg/L	1.5	<1.5	0%	92%	84%	6%
1,1,2,2-四氯乙烷	LB2144102	µg/L	1.1	<1.1	0%	107%	107%	2%
1,2,3-三氯丙烷	LB2144102	µg/L	1.2	<1.2	0%	93%	93%	1%
氯苯	LB2144102	µg/L	1	<1.0	0%	84%	81%	4%
1,4-二氯苯	LB2144102	µg/L	0.8	<0.8	0%	92%	92%	1%
1,2-二氯苯	LB2144102	µg/L	0.8	<0.8	0%	93%	95%	1%
氯仿	LB2144102	µg/L	1.4	<1.4	0%	99%	99%	3%
萘	LB2144102	µg/L	1	<1.0	0%	95%	92%	1%

水质 酚类化合物的测定 气相色谱-质谱法 方法: HJ 744-2015

分析指标	QC批号	单位	检出限	MB	DUP %RD	LCS %Recovery	MS %Recovery
2-氯苯酚	LB2144202	µg/L	0.1	<0.1	0%	71%	71%

水质 六价格的测定 二苯砷二胂分光光度法 方法: GB/T 7467-1987

分析指标	QC批号	单位	检出限	MB	DUP %RD	LCS %Recovery
六价格	LB2142946	mg/L	0.004	<0.004	0%	103%

水质 阴离子的测定 离子色谱法 方法: HJ 84-2016

分析指标	QC批号	单位	检出限	MB	DUP %RD	LCS %Recovery	MS %Recovery
氯化物	LB2142642	mg/L	0.007	<0.007	0%	105%	86%
氟化物	LB2142642	mg/L	0.006	<0.006	1%	105%	99%
硫酸盐	LB2142642	mg/L	0.018	<0.018	1%	110%	103%
亚硝酸盐氮 (N _{it})	LB2142642	mg/L	0.005	<0.005	1%	103%	104%



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水质 阴离子的测定 离子色谱法 方法: HJ 84-2016 (继续)

分析指标	QC批号	单位	检出限	MB	DUP %RD	LCS %Recovery	MS %Recovery
硝酸盐氮 (N计)	LB2142642	mg/L	0.0036	<0.0036	1%	101%	103%

有证物质 (CRM)

参数	QC批号	单位	检出限	测定值	证书编号	控制范围		
						标准值	下限 上限	
水质 高锰酸盐指数的测定 方法: GB 11892-1989								
高锰酸盐指数	LB2143709	O ₂ , mg/L	0.5	2.47	GSB 07-3162-2014	2.48	2.27 2.69	
水质 六价格的测定 二苯砷二吡啶分光光度法 方法: GB/T 7467-1987								
六价格	LB2142946	mg/L	0.004	0.114	GSB 07-3174-2014	0.111	0.107 0.115	
水质 氨氮的测定 水杨酸分光光度法 方法: HJ 536-2009								
氨氮	LB2143764	mg/L	0.004	5.06	GSB 07-3164-2014	5.23	4.98 5.48	
水质 汞、砷、硒、铋和锑的测定原子荧光法 方法: HJ 694-2014								
汞	LB2144014	µg/L	0.04	3.41	GSB 07-3173-2014	3.73	3.19 4.27	
砷	LB2144014	µg/L	0.3	55.5	GSB 07-3171-2014	57.3	52.8 61.8	

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检测报告

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 电话: 86 21 53853050
 传真: -
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 订单号: -
 样品: 地下水(7)
 项目: -

实验室信息

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 SGS编号: 0000213547
 报告日期: 2021/12/02
 分析日期: 2021/11/22 - 2021/12/01

备注

1. 结果适用于收到的样品。
2. 项目名称: 0598802 拜尔作物科学(中国)有限公司自行监测。

报告批准人

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批准人



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- ↑ 提高检出限/Detection limit raised
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分析指标	方法	单位	检出限	检测结果	检测结果	检测结果	检测结果
pH	HJ 1147	无量纲	-	7.5	7.9	7.9	8.4
N,N-二甲基甲酰胺*	by GC/FID	mg/L	0.5	ND	ND	ND	ND

分析指标	方法	单位	检出限	检测结果	检测结果	检测结果
pH	HJ 1147	无量纲	-	7.5	7.5	7.4
N,N-二甲基甲酰胺*	by GC/FID	mg/L	0.5	ND	ND	ND

备注：

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方法列表

HJ 1147-2020 水质 pH值的测定 电极法
by GC/FID DMF 实验室内部方法



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方法:HJ 1147-2020

仪器名称	型号	仪器编号	出厂序号
多参数分析仪	Mettler S470-K	CHEM-1045	B717041171

方法:by GC/FID

仪器名称	型号	仪器编号	出厂序号
气相色谱仪-火焰离子化检测器/氮磷检测器	Agilent 6890N	CHEM-ENV072	US10449051



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LB2142570		LB2144042	
DUP	DUP	MS	MSD
SHE21-13522.001	SHE21-13538.001	SHE21-13538.001	SHE21-13538.001

MB为方法空白结果；
 LCS为实验室控制样品回收率，MS为基质加标回收率，以Recovery%表示；
 DUP以及MSD为双样以及双样加标回收率的相对偏差，以RD%表示。

水质 pH值的测定 电极法 方法: HJ 1147-2020

分析指标	QC批号	单位	检出限	DUP %RD
pH	LB2142570	无量纲	-	0%

DMF 实验室内部方法 方法: by GC/FID

分析指标	QC批号	单位	检出限	MB	DUP %RD	LCS %Recovery	MS %Recovery	MSD %RD
N,N-二甲基甲酰胺	LB2144042	mg/L	0.5	<0.5	0%	80%	52%	11%

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