LEAP 环境与水能力测试

2020 年度计划

FAPAS®/FEPAS®/GEMMA/LEAP 中国区代理

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LEAP 实验室水平测试服务简介

LEAP 系 fapas 旗下环境与水能力验证项目，经 UKAS（United Kingdom Accreditation Service）认可。该计划取样广泛，涵盖了不同的水类型，包括饮用水、废水、高盐度水和地表水，并辅之以应急化学污染、味道和气味化学鉴定以及土壤化学方案。

检测项目也覆盖了目前各种水质，污染，营养，微生物等方方面面。

Fapas 于 2007 年已与中国 CNAS 能力验证互认

我公司作为 FAPAS 在中国区代理，努力使您的实验室参加水平测试更加简便。

我们的承诺：

- ✓ 完全合理——可靠的实验室技术水平评估。
- ✓ 严格保密，保护参试实验室的权益。
- ✓ 提供大量信息——包括所有参与实验室使用方法的详细资料。
- ✓ 广泛性强——可以提供与其它参与实验室对照的机会.

参加我们的水平测试，有利于：

- ✓ 显示实验室的技术能力；
- ✓ 发现实验室检测中的问题或潜在问题：如测试方法、仪器设备、标准物质和试剂以及测试人员的操作等；
- ✓ 方法验证；
- ✓ 实验室日常检测中的质量控制；
- ✓ 在国际实验室技术交流及官方考察中，提供令人信服的证据！

评估系统全新升级，支持多数据提交，

可用于不同方法与不同检测人员之间的评估

DRINKING WATER 饮用水

Acid Herbicides 酸性除草剂

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date
DWC0909	Drinking Water 饮用水	Acid Herbicides 酸性除草剂	FWAH1-DRW1	1 litre + spiking conc.	28/04/2020
DWC0910	Drinking Water 饮用水	Acid Herbicides 酸性除草剂	FWAH1-DRW1	1 litre + spiking conc.	06/10/2020

酸性除草剂包含:
2,4-D (free acid only), 2,4-DB, 2,3,6-TBA, 2,4,5-T, Benazolin, Bentazone, Bromacil, Bromoxynil, Clopyralid, Dicamba, Dichlobenil, Dichlorprop, Fluroxypyr, Ioxynil, MCPA, MCPB, Mecoprop, Metaldehyde, Metazachlor, Propachlor, Propyzamide, Triclopyr
2,4-D（仅游离酸），2,4-DB，2,3,6-TBA，2,4,5-T，苯唑啉，苯达松，除草定，溴苯腈，二氯吡啶酸，麦草畏，敌草腈，2,4-滴丙酸，氟草烟，碘苯腈，MCPA，MCPB，2-甲 4-氯丙酸，二聚乙醛，异丙甲草胺，毒草安，炔苯酰草胺，绿草定

BTEX 苯及衍生物

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date
DWC1116	Drinking Water 饮用水	BTEX 苯及衍生物	FWBT1-DRW1	1 litre + spiking conc.	04/02/2020
DWC1117	Drinking Water 饮用水	BTEX 苯及衍生物	FWBT1-DRW1	1 litre + spiking conc.	28/04/2020
DWC1118	Drinking Water 饮用水	BTEX 苯及衍生物	FWBT1-DRW1	1 litre + spiking conc.	07/07/2020
DWC1119	Drinking Water 饮用水	BTEX 苯及衍生物	FWBT1-DRW1	1 litre + spiking conc.	06/10/2020
DWC1120	Drinking Water 饮用水	BTEX 苯及衍生物	FWBT1-DRW1	1 litre + spiking conc.	16/02/2021

苯及衍生物包含:
Benzene, Ethylbenzene, m-xylene, p-xylene, m & p-xylene, o-xylene, Xylene (total), Styrene, Toluene
苯、乙苯、间二甲苯、对二甲苯、间对二甲苯、邻二甲苯、二甲苯（总计）、苯乙烯、甲苯

Chlorine 氯（包含：Total Chlorine, Free Chlorine 总氯和游离氯）

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date
DWC1215	Drinking Water 饮用水	Chlorine 氯	FWCH1-DRW1	Approx 3 ml	17/03/2020
DWC1216	Drinking Water 饮用水	Chlorine 氯	FWCH1-DRW1	Approx 3 ml	19/05/2020
DWC1217	Drinking Water 饮用水	Chlorine 氯	FWCH1-DRW1	Approx 3 ml	28/07/2020
DWC1218	Drinking Water 饮用水	Chlorine 氯	FWCH1-DRW1	Approx 3 ml	17/11/2020
DWC1219	Drinking Water 饮用水	Chlorine 氯	FWCH1-DRW1	Approx 3 ml	16/03/2021

Contamination Incident 污染事故

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date
EMY40	Drinking Water 饮用水	Contamination incident 污染事故	FWEM1-DRW1	2 x 1 litre + 250 ml + blanks	06/05/2020
EMY41	Drinking Water 饮用水	Contamination incident 污染事故	FWEM1-DRW1	2 x 1 litre + 250 ml + blanks	01/10/2020
污染事故包含： Chemical Contamination Incident (organics, physicals, metals, gross alpha & beta radioactivity) 化学污染事件（有机物、物理物质、金属、总α和β放射性）					

Fluorosurfacants (PFOS &PFOA)氟表面活性剂（全氟辛烷磺酸/全氟辛酸）

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date
DWC1902	Drinking Water 饮用水	Fluorosurfactants (PFOS & PFOA) 氟表面活性剂	FWFL1-DRW1	Spiking Concontrate	04/02/2020
DWC1903	Drinking Water 饮用水	Fluorosurfactants (PFOS & PFOA) 氟表面活性剂	FWFL1-DRW1	Spiking Concontrate	07/07/2020
DWC1904	Drinking Water 饮用水	Fluorosurfactants (PFOS & PFOA) 氟表面活性剂	FWFL1-DRW1	Spiking Concontrate	16/02/2021

Haloacetic Acids 卤乙酸

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date
DWC1707	Drinking Water 饮用水	Haloacetic Acids 卤乙酸	FWHA1-DRW1	1 litre + spiking conc	26/05/2020
DWC1708	Drinking Water 饮用水	Haloacetic Acids 卤乙酸	FWHA1-DRW1	1 litre + spiking conc	10/11/2020
卤乙酸包含: Monochloroacetic Acid (MCA), Dichloroacetic Acid (DCA), Trichloroacetic Acid (TCA), Monobromoacetic Acid (MBA), Dibromoacetic Acid (DBA) 一氯乙酸（MCA）、二氯乙酸（DCA）、三氯乙酸（TCA）、一溴乙酸（MBA）、二溴乙酸（DBA）					

Hexavalent Chromium 六价铬

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date
DWC1808	Standard Concentrate 标准浓缩液	Hexavalent Chromium 六价铬	FWHC1-DRW1	2 ml	17/03/2020
DWC1809	Standard Concentrate 标准浓缩液	Hexavalent Chromium 六价铬	FWHC1-DRW1	2 ml	19/05/2020
DWC1810	Standard Concentrate 标准浓缩液	Hexavalent Chromium 六价铬	FWHC1-DRW1	2 ml	28/07/2020
DWC1811	Standard Concentrate 标准浓缩液	Hexavalent Chromium 六价铬	FWHC1-DRW1	2 ml	17/11/2020
DWC1812	Standard Concentrate 标准浓缩液	Hexavalent Chromium 六价铬	FWHC1-DRW1	2 ml	16/03/2021

Inorganic Disinfection By-products 无机消毒副产物

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date
DWC0515	Standard Solution in Ultra Pure Water 标准溶液超纯水	Inorganic Disinfection By-products 无机消毒副产物	FWID1-DRW1	125 ml	17/03/2020
DWC0516	Standard Solution in Ultra Pure Water 标准溶液超纯水	Inorganic Disinfection By-products 无机消毒副产物	FWID1-DRW1	125 ml	19/05/2020

DWC0517	Standard Solution in Ultra Pure Water 标准溶液超纯水	Inorganic Disinfection By-products 无机消毒副产物	FWID1-DRW1	125 ml	28/07/2020
DWC0518	Standard Solution in Ultra Pure Water 标准溶液超纯水	Inorganic Disinfection By-products 无机消毒副产物	FWID1-DRW1	125 ml	17/11/2020
DWC0519	Standard Solution in Ultra Pure Water 标准溶液超纯水	Inorganic Disinfection By-products 无机消毒副产物	FWID1-DRW1	125 ml	16/03/2021

无机消毒副产物包含:
Bromide, Bromate, Chlorite, Chlorate 溴化物、溴酸盐、亚氯酸盐、氯酸盐

Major Inorganic Components 主要无机成分

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date
DWC0123	Drinking Water 饮用水	Major Inorganic Components 主要无机成分	FWIC1-DRW1	1 litre + spiking conc.	21/01/2020
DWC0124	Drinking Water 饮用水	Major Inorganic Components 主要无机成分	FWIC1-DRW1	1 litre + spiking conc.	17/03/2020
DWC0125	Drinking Water 饮用水	Major Inorganic Components 主要无机成分	FWIC1-DRW1	1 litre + spiking conc.	19/05/2020
DWC0126	Drinking Water 饮用水	Major Inorganic Components 主要无机成分	FWIC1-DRW1	1 litre + spiking conc.	28/07/2020
DWC0127	Drinking Water 饮用水	Major Inorganic Components 主要无机成分	FWIC1-DRW1	1 litre + spiking conc.	29/09/2020
DWC0128	Drinking Water 饮用水	Major Inorganic Components 主要无机成分	FWIC1-DRW1	1 litre + spiking conc.	17/11/2020
DWC0129	Drinking Water 饮用水	Major Inorganic Components 主要无机成分	FWIC1-DRW1	1 litre + spiking conc.	26/01/2021
DWC0130	Drinking Water 饮用水	Major Inorganic Components 主要无机成分	FWIC1-DRW1	1 litre + spiking conc.	16/03/2021

主要无机成分包含:
Chloride, Sulphate, Alkalinity, Total Hardness, Calcium, Magnesium, Sodium, Potassium, Fluoride, Phosphorus (total) 氯化物、硫酸盐、碱度、总硬度、钙、镁、钠、钾、氟化物、磷（总量）

Non-Routine Metals 非常规金属

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date
. DWC0415	Drinking Water 饮用水	Non-Routine Metals 非常规金属	FWNM1-DRW1	1 x 60 ml, 1 x 500 ml + 1 x spiking conc.	17/03/2020
DWC0416	Drinking Water 饮用水	Non-Routine Metals 非常规金属	FWNM1-DRW1	1 x 60 ml, 1 x 500 ml + 1 x spiking conc.	19/05/2020
DWC0417	Drinking Water 饮用水	Non-Routine Metals 非常规金属	FWNM1-DRW1	1 x 60 ml, 1 x 500 ml + 1 x spiking conc.	28/07/2020
DWC0418	Drinking Water 饮用水	Non-Routine Metals 非常规金属	FWNM1-DRW1	1 x 60 ml, 1 x 500 ml + 1 x spiking conc.	17/11/2020
DWC0419	Drinking Water 饮用水	Non-Routine Metals 非常规金属	FWNM1-DRW1	1 x 60 ml, 1 x 500 ml + 1 x spiking conc.	16/03/2021

非常规金属包含：Silver, Barium, Boron, Arsenic, Selenium, Antimony, Strontium, Lithium, Cobalt, Vanadium, Molybdenum, Tin, Beryllium, Mercury 银、钡、硼、砷、硒、锑、锶、锂、钴、钒、钼、锡、铍、汞

OC Pesticides 有机氯农药

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date
. DWC1016	Drinking Water 饮用水	OC Pesticides 有机氯农药	FWOC1-DRW1	1 litre + spiking conc.	04/02/2020
DWC1017	Drinking Water 饮用水	OC Pesticides 有机氯农药	FWOC1-DRW1	1 litre + spiking conc.	28/04/2020
DWC1018	Drinking Water 饮用水	OC Pesticides 有机氯农药	FWOC1-DRW1	1 litre + spiking conc.	07/07/2020
DWC1019	Drinking Water 饮用水	OC Pesticides 有机氯农药	FWOC1-DRW1	1 litre + spiking conc.	06/10/2020
DWC1020	Drinking Water 饮用水	OC Pesticides 有机氯农药	FWOC1-DRW1	1 litre + spiking conc.	16/02/2021

有机氯农药包含：Aldrin, Dieldrin, Endrin, DDD-op, DDE-op, DDT-op, DDD-pp (TDE), DDE-pp, DDT-pp, Endosulfan I (alpha), Endosulfan II (beta), Heptachlor, Total Heptachlor Epoxide, HCB (hexachlorobenzene), HCH-A (alpha hexachlorocyclohexane), HCH-B (beta hexachlorocyclohexane), HCH-D (delta hexachlorocyclohexane), HCH-G (gamma hexachlorocyclohexane / lindane), Pendimethalin, Pentachlorobenzene, Trifluralin

OP Pesticides 有机磷农药

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date

DWC0816	Drinking Water 饮用水	OP Pesticides 有机磷农药	FWOP1-DRW1	1 litre + spiking conc	18/02/2020
DWC0817	Drinking Water 饮用水	OP Pesticides 有机磷农药	FWOP1-DRW1	1 litre + spiking conc	26/05/2020
DWC0818	Drinking Water 饮用水	OP Pesticides 有机磷农药	FWOP1-DRW1	1 litre + spiking conc	11/08/2020
DWC0819	Drinking Water 饮用水	OP Pesticides 有机磷农药	FWOP1-DRW1	1 litre + spiking conc	10/11/2020
DWC0820	Drinking Water 饮用水	OP Pesticides 有机磷农药	FWOP1-DRW1	1 litre + spiking conc	23/02/2021

有机磷农药包含：Alachlor, Azinphos-ethyl, Azinphos-methyl, Chlorfenvinphos @leap, Chlorpyrifos, Cypermethrin, Diazinon, Dichlorvos, Fenitrothion, Fenthion, Malathion, Mevinphos, Parathion (ethyl), Parathion-methyl, Propetamphos 甲草胺，乙基谷氮磷，甲基谷氮磷，氯芬磷，毒死蜱，氯氰菊酯，二嗪农，敌敌畏，苯硫磷，马拉硫磷，甲硫磷，对硫磷（乙基），甲基对硫磷，丙烯硫磷

Perchlorate 高氯酸盐

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date
DWC2002	Standard Concentrate 标准浓缩液	Perchlorate 高氯酸盐	FWPE1-DRW1	Approx 2ml	17/03/2020
DWC2003	Standard Concentrate 标准浓缩液	Perchlorate 高氯酸盐	FWPE1-DRW1	Approx 2ml	29/09/2020
DWC2004	Standard Concentrate 标准浓缩液	Perchlorate 高氯酸盐	FWPE1-DRW1	Approx 2ml	16/03/2021

Polycyclic Aromatic Hydrocarbons 多环芳烃

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date
DWC0716	Drinking Water 饮用水	Polycyclic Aromatic Hydrocarbons 多环芳烃	FWPC1-DRW1	1 litre + spiking conc	18/02/2020
DWC0717	Drinking Water 饮用水	Polycyclic Aromatic Hydrocarbons 多环芳烃	FWPC1-DRW1	1 litre + spiking conc	26/05/2020
DWC0718	Drinking Water 饮用水	Polycyclic Aromatic Hydrocarbons 多环芳烃	FWPC1-DRW1	1 litre + spiking conc	11/08/2020
DWC0719	Drinking Water 饮用水	Polycyclic Aromatic Hydrocarbons	FWPC1-DRW1	1 litre + spiking conc	10/11/2020

多环芳烃

DWC0720	Drinking Water 饮用水	Polycyclic Aromatic Hydrocarbons 多环芳烃	FWPC1-DRW1	1 litre + spiking conc	23/02/2021

多环芳烃包含:
Anthracene, Benzo[b]fluoranthene, Benzo[k]fluoranthene, Benzo[g,h,i]perylene, Benzo[a]pyrene, Fluoranthene, Indeno[1,2,3-cd]pyrene, Naphthalene 蒽，苯并[b]荧蒽，苯并[k]荧蒽，苯并[g，h，i]苝，苯并[a]芘，荧蒽，茚并[1,2,3-cd]芘，萘

Routine Components 常规成分

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date
DWC0223	Drinking Water 饮用水	Routine Components 常规成分	FWRC1-DRW1	1 litre + spiking conc.	21/01/2020
DWC0224	Drinking Water 饮用水	Routine Components 常规成分	FWRC1-DRW1	1 litre + spiking conc.	17/03/2020
DWC0225	Drinking Water 饮用水	Routine Components 常规成分	FWRC1-DRW1	1 litre + spiking conc.	19/05/2020
DWC0226	Drinking Water 饮用水	Routine Components 常规成分	FWRC1-DRW1	1 litre + spiking conc.	28/07/2020
DWC0227	Drinking Water 饮用水	Routine Components 常规成分	FWRC1-DRW1	1 litre + spiking conc.	29/09/2020
DWC0228	Drinking Water 饮用水	Routine Components 常规成分	FWRC1-DRW1	1 litre + spiking conc.	17/11/2020
DWC0229	Drinking Water 饮用水	Routine Components 常规成分	FWRC1-DRW1	1 litre + spiking conc.	26/01/2021
DWC0230	Drinking Water 饮用水	Routine Components 常规成分	FWRC1-DRW1	1 litre + spiking conc.	16/03/2021

常规成分包含:
pH, Turbidity, Colour (filtered), Conductivity (20°C), Nitrate, SR Phosphate, Permanganate Index Val. (PIV oxidisability) 10 min, Total Organic Carbon (TOC), Ammonium, Nitrite pH 值、浊度、颜色（过滤）、电导率（20°C）、硝酸盐、Sr 磷酸盐、Permanganate Index Val.（PIV 氧化性）10 分钟、总有机碳（TOC）、铵盐、亚硝酸盐

Routine Metals 常规金属

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date

DWC0323	Drinking Water 饮用水	Routine Metals 常规金属	FWRM1-DRW1	500 ml	21/01/2020
DWC0324	Drinking Water 饮用水	Routine Metals 常规金属	FWRM1-DRW1	500 ml	17/03/2020
DWC0325	Drinking Water 饮用水	Routine Metals 常规金属	FWRM1-DRW1	500 ml	19/05/2020
DWC0326	Drinking Water 饮用水	Routine Metals 常规金属	FWRM1-DRW1	500 ml	28/07/2020
DWC0327	Drinking Water 饮用水	Routine Metals 常规金属	FWRM1-DRW1	500 ml	29/09/2020
DWC0328	Drinking Water 饮用水	Routine Metals 常规金属	FWRM1-DRW1	500 ml	17/11/2020
DWC0329	Drinking Water 饮用水	Routine Metals 常规金属	FWRM1-DRW1	500 ml	26/01/2021
DWC0330	Drinking Water 饮用水	Routine Metals 常规金属	FWRM1-DRW1	500 ml	16/03/2021
常规金属包含: Chromium, Nickel, Iron, Manganese, Aluminium, Lead, Cadmium, Copper, Zinc 铬、镍、铁、锰、铝、铅、镉、铜、锌					

Taste & Odour Chemical Identification 味道和气味化学鉴定

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date
TOCHEM09	Drinking Water 饮用水	Taste & Odour Chemical Identification 味道和气味化学鉴定	FWTO1-DRW1	2 x 1 litre + blank	16/07/2020

Total Cyanide 总氰化物

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date
DWC1615	Standard Concentrate 标准浓缩液	Total Cyanide 总氰化物	FWTC1-DRW1	Approx 3 ml	17/03/2020
DWC1616	Standard Concentrate 标准浓缩液	Total Cyanide 总氰化物	FWTC1-DRW1	Approx 3 ml	19/05/2020
DWC1617	Standard Concentrate 标准浓缩液	Total Cyanide 总氰化物	FWTC1-DRW1	Approx 3 ml	28/07/2020
DWC1618	Standard Concentrate 标准浓缩液	Total Cyanide 总氰化物	FWTC1-DRW1	Approx 3 ml	17/11/2020

DWC1619	Standard Concentrate 标准浓缩液	Total Cyanide 总氰化物	FWTC1-DRW1	Approx 3 ml	16/03/2021

Triazines & Urea Herbicides 三嗪类和脲类除草剂

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date
DWC1508	Drinking Water 饮用水	Triazines and Urea Herbicides 三嗪类和脲类除草剂	FWTU1-DRW1	1 litre + spiking conc.	04/02/2020
DWC1509	Drinking Water 饮用水	Triazines and Urea Herbicides 三嗪类和脲类除草剂	FWTU1-DRW1	1 litre + spiking conc.	07/07/2020
DWC1510	Drinking Water 饮用水	Triazines and Urea Herbicides 三嗪类和脲类除草剂	FWTU1-DRW1	1 litre + spiking conc.	16/02/2021

三嗪类和脲类除草剂包含:
Chlorotoluron, Diuron, Isoproturon, Linuron, Monuron, Metamitron, Methabenzthiazuron, Atrazine, Cyanazine, Propazine, Simazine, Trietazine, Ametryn, Prometryn, Terbutryn, Carbetamide, Diflufenican, Pirimicarb 绿麦隆，利尿剂，异丙隆，利尿剂，蒙隆，美他米特隆，甲苯噻唑仑，阿特拉津，氰嗪，丙嗪，西马嗪，三乙嘧啶，阿米替林，扑米净，特布他林，卡贝他胺，地氟芬尼康，抗蚜威

Trihalomethanes / Chlorinated Solvents 三卤甲烷/氯化溶剂

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date
DWC0616	Drinking Water 饮用水	Trihalomethanes / Chlorinated Solvents 三卤甲烷/氯化溶剂	FWTR1-DRW1	1 litre + spiking conc.	18/02/2020
DWC0617	Drinking Water 饮用水	Trihalomethanes / Chlorinated Solvents 三卤甲烷/氯化溶剂	FWTR1-DRW1	1 litre + spiking conc.	26/05/2020
DWC0618	Drinking Water 饮用水	Trihalomethanes / Chlorinated Solvents 三卤甲烷/氯化溶剂	FWTR1-DRW1	1 litre + spiking conc.	11/08/2020
DWC0619	Drinking Water 饮用水	Trihalomethanes / Chlorinated Solvents 三卤甲烷/氯化溶剂	FWTR1-DRW1	1 litre + spiking conc.	10/11/2020
DWC0620	Drinking Water 饮用水	Trihalomethanes / Chlorinated Solvents 三卤甲烷/氯化溶剂	FWTR1-DRW1	1 litre + spiking conc.	23/02/2021

三卤甲烷/氯化溶剂包含:
Bromodichloromethane, Bromoform, Carbon Tetrachloride, Chloroform, Dibromochloromethane, Dichloromethane (methylene chloride), Hexachlorobutadiene, Tetrachloroethene (tetrachloroethylene), Trichloroethene, 1,2-Dichloroethane, 1,2,3-Trichlorobenzene, 1,2,4-

Trichlorobenzene, 1,3,5-Trichlorobenzene, 1,1,1-Trichloroethane 溴二氯甲烷、溴仿、四氯化碳、氯仿、二溴氯甲烷、二氯甲烷（二氯甲烷）、六氯丁二烯、四氯乙烯、三氯乙烯、1,2-二氯乙烷、1,2,3-三氯苯、1,2,4-三氯苯、1,3,5-三氯苯、1,1,1-三氯乙烷

Uranium 铀

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date
DWC2103	Standard Solution 标准溶液	Uranium 铀	FWUR1-DRW1	60ml	28/07/2020
DWC2104	Standard Solution 标准溶液	Uranium 铀	FWUR1-DRW1	60ml	17/11/2020

HIGH SALINITY WATER 浓盐水

Complex Nutrients 复合营养物

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date
HS0110	High Salinity Water 浓盐水	Complex Nutrients 复合营养物	FWCN1-HSW1	500ml	09/06/2020
HS0111	High Salinity Water 浓盐水	Complex Nutrients 复合营养物	FWCN1-HSW1	500ml	01/12/2020

复合营养物包含:
Nitrogen (Kjeldahl), Nitrogen (total), Phosphorus (total) 氮（凯氏）、氮（总）、磷（总）

Minerals 矿物

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date
HS0310	High Salinity Water 浓盐水	Minerals 矿物	FWMI1-HSW1	500ml	09/06/2020
HS0311	High Salinity Water 浓盐水	Minerals 矿物	FWMI1-HSW1	500ml	01/12/2020

矿物包含:
pH, Calcium, Magnesium, Potassium, Alkalinity (as $CaCO_3$), Conductivity (25°C), Total Hardness (as $CaCO_3$)
pH、钙、镁、钾、碱度（以 $CaCO_3$ 计）、电导率（25°C）、总硬度（以 $CaCO_3$ 计）

Simple Nutrients 简单营养物

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date
HS0210	High Salinity Water 浓盐水	Simple Nutrients 简单营养物	FWSN1-HSW1	500ml	09/06/2020
HS0211	High Salinity Water 浓盐水	Simple Nutrients 简单营养物	FWSN1-HSW1	500ml	01/12/2020

简单营养物包含:
Ammonia (as N), Nitrate (as N), Nitrate+Nitrite (as N), Nitrite (as N), Orthophosphate (as P)
氨（以 N 计）、硝酸盐（以 N 计）、硝酸盐+亚硝酸盐（以 N 计）、亚硝酸盐（以 N 计）、正磷酸盐（以 P 计）

Trace Metals 3 微量金属 3

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date
HS0410	High Salinity Water 浓盐水	Trace Metals 3 微量金属 3	FWTM3-HSW1	500ml	09/06/2020
HS0411	High Salinity Water 浓盐水	Trace Metals 3 微量金属 3	FWTM3-HSW1	500ml	01/12/2020

微量金属 3 包含:
Aluminium, Arsenic, Beryllium, Cadmium, Chromium, Cobalt, Copper, Iron, Lead, Manganese, Mercury, Nickel, Selenium 铝、砷、铍、镉、铬、钴、铜、铁、铅、锰、汞、镍、硒

Trace Metals 4 微量金属 4

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date
HS0510	High Salinity Water 浓盐水	Trace Metals 4 微量金属 4	FWTM4-HSW1	500ml	09/06/2020
HS0511	High Salinity Water 浓盐水	Trace Metals 4 微量金属 4	FWTM4-HSW1	500ml	01/12/2020

微量金属 4 包含:
Antimony, Barium, Boron, Molybdenum, Silver, Strontium, Thallium, Tin, Titanium
锑、钡、硼、钼、银、锶、铊、锡、钛

Waste Water 废水

Anions 阴离子（Bromide, Fluoride 溴离子，氟离子）

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date
WW0922	Waste Water 废水	Anions 阴离子	FWAN1-EWW1	20 ml	11/02/2020
WW0923	Waste Water 废水	Anions 阴离子	FWAN1-EWW1	20 ml	21/04/2020
WW0924	Waste Water 废水	Anions 阴离子	FWAN1-EWW1	20 ml	16/06/2020
WW0925	Waste Water 废水	Anions 阴离子	FWAN1-EWW1	20 ml	04/08/2020
WW0926	Waste Water 废水	Anions 阴离子	FWAN1-EWW1	20 ml	13/10/2020
WW0927	Waste Water 废水	Anions 阴离子	FWAN1-EWW1	20 ml	08/12/2020
WW0928	Waste Water 废水	Anions 阴离子	FWAN1-EWW1	20 ml	09/02/2021

Demand

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date
WW0122	Waste Water 废水	Demand	FWDE1-EWW1	20 ml	11/02/2020
WW0123	Waste Water 废水	Demand	FWDE1-EWW1	20 ml	21/04/2020
WW0124	Waste Water 废水	Demand	FWDE1-EWW1	20 ml	16/06/2020
WW0125	Waste Water 废水	Demand	FWDE1-EWW1	20 ml	04/08/2020
WW0126	Waste Water 废水	Demand	FWDE1-EWW1	20 ml	13/10/2020
WW0127	Waste Water 废水	Demand	FWDE1-EWW1	20 ml	08/12/2020
WW0128	Waste Water 废水	Demand	FWDE1-EWW1	20 ml	09/02/2021

包含:
Biochemical Oxygen Demand (BOD), 5 day, Chemical Oxygen Demand (COD), Total Organic Carbon (TOC)
生化需氧量（BOD），5 天，化学需氧量（COD），总有机碳（TOC）

Dissolved Oxygen 溶氧量

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date
WW1422	Waste Water 废水	Dissolved Oxygen 溶氧量	FWDO1-EWW1	2 ml	11/02/2020
WW1423	Waste Water 废水	Dissolved Oxygen 溶氧量	FWDO1-EWW1	2 ml	21/04/2020
WW1424	Waste Water 废水	Dissolved Oxygen 溶氧量	FWDO1-EWW1	2 ml	16/06/2020
WW1425	Waste Water 废水	Dissolved Oxygen 溶氧量	FWDO1-EWW1	2 ml	04/08/2020
WW1426	Waste Water 废水	Dissolved Oxygen 溶氧量	FWDO1-EWW1	2 ml	13/10/2020
WW1427	Waste Water 废水	Dissolved Oxygen 溶氧量	FWDO1-EWW1	2 ml	08/12/2020
WW1428	Waste Water 废水	Dissolved Oxygen 溶氧量	FWDO1-EWW1	2 ml	09/02/2021

Hexavalent Chromium 六价铬

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date
WW0722	Waste Water 废水	Hexavalent Chromium 六价铬	FWHC1-EWW1	20 ml	11/02/2020
WW0723	Waste Water 废水	Hexavalent Chromium 六价铬	FWHC1-EWW1	20 ml	21/04/2020
WW0724	Waste Water 废水	Hexavalent Chromium 六价铬	FWHC1-EWW1	20 ml	16/06/2020
WW0725	Waste Water 废水	Hexavalent Chromium 六价铬	FWHC1-EWW1	20 ml	04/08/2020
WW0726	Waste Water 废水	Hexavalent Chromium 六价铬	FWHC1-EWW1	20 ml	13/10/2020
WW0727	Waste Water 废水	Hexavalent Chromium 六价铬	FWHC1-EWW1	20 ml	08/12/2020
WW0728	Waste Water 废水	Hexavalent Chromium 六价铬	FWHC1-EWW1	20 ml	09/02/2021

Minerals 矿物

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date
WW0822	Waste Water 废水	Minerals 矿物	FWMI1-EWW1	2 x 20 ml	11/02/2020
WW0823	Waste Water 废水	Minerals 矿物	FWMI1-EWW1	2 x 20 ml	21/04/2020
WW0824	Waste Water 废水	Minerals 矿物	FWMI1-EWW1	2 x 20 ml	16/06/2020
WW0825	Waste Water 废水	Minerals 矿物	FWMI1-EWW1	2 x 20 ml	04/08/2020
WW0826	Waste Water 废水	Minerals 矿物	FWMI1-EWW1	2 x 20 ml	13/10/2020
WW0827	Waste Water 废水	Minerals 矿物	FWMI1-EWW1	2 x 20 ml	08/12/2020
WW0828	Waste Water 废水	Minerals 矿物	FWMI1-EWW1	2 x 20 ml	09/02/2021

矿物包含:
Alkalinity, Calcium, Total Hardness, Magnesium, Potassium, Sodium
碱度、钙、总硬度、镁、钾、钠

Nutrients 营养物

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date
WW0322	Waste Water 废水	Nutrients 营养物	FWNU1-EWW1	4 x 60 ml	11/02/2020
WW0323	Waste Water 废水	Nutrients 营养物	FWNU1-EWW1	4 x 60 ml	21/04/2020
WW0324	Waste Water 废水	Nutrients 营养物	FWNU1-EWW1	4 x 60 ml	16/06/2020
WW0325	Waste Water 废水	Nutrients 营养物	FWNU1-EWW1	4 x 60 ml	04/08/2020
WW0326	Waste Water 废水	Nutrients 营养物	FWNU1-EWW1	4 x 60 ml	13/10/2020
WW0327	Waste Water 废水	Nutrients 营养物	FWNU1-EWW1	4 x 60 ml	08/12/2020
WW0328	Waste Water 废水	Nutrients 营养物	FWNU1-EWW1	4 x 60 ml	09/02/2021

营养物包含:
Nitrate, Nitrite, Ammonia, Chloride, Orthophosphate, Sulphate, Phosphorus (total), Nitrogen (total), Nitrogen (Kjeldahl)
硝酸盐、亚硝酸盐、氨、氯化物、正磷酸盐、硫酸盐、磷（总量）、氮（总量）、氮（凯氏）

Oil & Grease 油脂

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date
WW1022	Waste Water 废水	Oil & Grease 油脂	FWOG1-EWW1	2 ml	11/02/2020
WW1023	Waste Water 废水	Oil & Grease 油脂	FWOG1-EWW1	2 ml	21/04/2020
WW1024	Waste Water 废水	Oil & Grease 油脂	FWOG1-EWW1	2 ml	16/06/2020
WW1025	Waste Water 废水	Oil & Grease 油脂	FWOG1-EWW1	2 ml	04/08/2020
WW1026	Waste Water 废水	Oil & Grease 油脂	FWOG1-EWW1	2 ml	13/10/2020
WW1027	Waste Water 废水	Oil & Grease 油脂	FWOG1-EWW1	2 ml	08/12/2020
WW1028	Waste Water 废水	Oil & Grease 油脂	FWOG1-EWW1	2 ml	09/02/2021

pH & Electrical Conductivity PH 值及电导率

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date
WW0422	Waste Water 废水	pH & Electrical Conductivity PH 值及电导率	FWPH1-EWW1	2 x 125 ml	11/02/2020
WW0423	Waste Water 废水	pH & Electrical Conductivity PH 值及电导率	FWPH1-EWW1	2 x 125 ml	21/04/2020
WW0424	Waste Water 废水	pH & Electrical Conductivity PH 值及电导率	FWPH1-EWW1	2 x 125 ml	16/06/2020
WW0425	Waste Water 废水	pH & Electrical Conductivity PH 值及电导率	FWPH1-EWW1	2 x 125 ml	04/08/2020
WW0426	Waste Water 废水	pH & Electrical Conductivity PH 值及电导率	FWPH1-EWW1	2 x 125 ml	13/10/2020
WW0427	Waste Water 废水	pH & Electrical Conductivity PH 值及电导率	FWPH1-EWW1	2 x 125 ml	08/12/2020
WW0428	Waste Water 废水	pH & Electrical Conductivity PH 值及电导率	FWPH1-EWW1	2 x 125 ml	09/02/2021

Phthalates (Environmental)邻苯二甲酸盐

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date
WW1605	Waste Water 废水	Phthalates (Environmental) 邻苯二甲酸盐	FWPT1-EWW1	Approx 2ml	16/06/2020
WW1606	Waste Water 废水	Phthalates (Environmental) 邻苯二甲酸盐	FWPT1-EWW1	Approx 2ml	08/12/2020

邻苯二甲酸盐包含:
Bis (2-ethylhexyl) phthalate, Butyl Benzyl Phthalate, Di-n-butyl phthalate, Diethyl phthalate, Dimethyl phthalate, Di-n-octyl phthalate 邻苯二甲酸二（2-乙基己基）酯，邻苯二甲酸丁苄酯，邻苯二甲酸二正丁酯，邻苯二甲酸二乙酯，邻苯二甲酸二甲酯，邻苯二甲酸二正辛酯

Residues 残留物

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date
WW0222	Waste Water 废水	Residues 残留物	FWRE1-EWW1	500 ml	11/02/2020
WW0223	Waste Water 废水	Residues 残留物	FWRE1-EWW1	500 ml	21/04/2020
WW0224	Waste Water 废水	Residues 残留物	FWRE1-EWW1	500 ml	16/06/2020
WW0225	Waste Water 废水	Residues 残留物	FWRE1-EWW1	500 ml	04/08/2020
WW0226	Waste Water 废水	Residues 残留物	FWRE1-EWW1	500 ml	13/10/2020
WW0227	Waste Water 废水	Residues 残留物	FWRE1-EWW1	500 ml	08/12/2020
WW0228	Waste Water 废水	Residues 残留物	FWRE1-EWW1	500 ml	09/02/2021

残留物包含:
Solids (dissolved), Solids (suspended), Solids (total)固体（溶解），固体（悬浮），固体（总量）

Settleable Solids 可沉降固体

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date
WW1322	Waste Water 废水	Settleable Solids 可沉降固体	FWSS1-EWW1	25 g	11/02/2020
WW1323	Waste Water 废水	Settleable Solids 可沉降固体	FWSS1-EWW1	25 g	21/04/2020
WW1324	Waste Water 废水	Settleable Solids 可沉降固体	FWSS1-EWW1	25 g	16/06/2020

WW1325	Waste Water 废水	Settleable Solids 可沉降固体	FWSS1-EWW1	25 g	04/08/2020
WW1326	Waste Water 废水	Settleable Solids 可沉降固体	FWSS1-EWW1	25 g	13/10/2020
WW1327	Waste Water 废水	Settleable Solids 可沉降固体	FWSS1-EWW1	25 g	08/12/2020
WW1328	Waste Water 废水	Settleable Solids 可沉降固体	FWSS1-EWW1	25 g	09/02/2021

Total Cyanide 总氰化物

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date
WW1122	Waste Water 废水	Total Cyanide 总氰化物	FWTC1-EWW1	2 ml	11/02/2020
WW1123	Waste Water 废水	Total Cyanide 总氰化物	FWTC1-EWW1	2 ml	21/04/2020
WW1124	Waste Water 废水	Total Cyanide 总氰化物	FWTC1-EWW1	2 ml	16/06/2020
WW1125	Waste Water 废水	Total Cyanide 总氰化物	FWTC1-EWW1	2 ml	04/08/2020
WW1126	Waste Water 废水	Total Cyanide 总氰化物	FWTC1-EWW1	2 ml	13/10/2020
WW1127	Waste Water 废水	Total Cyanide 总氰化物	FWTC1-EWW1	2 ml	08/12/2020
WW1128	Waste Water 废水	Total Cyanide 总氰化物	FWTC1-EWW1	2 ml	09/02/2021

Total Sulphide 总硫化物

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date
WW1222	Waste Water 废水	Total Sulphide 总硫化物	FWTS1-EWW1	20 ml	11/02/2020
WW1223	Waste Water 废水	Total Sulphide 总硫化物	FWTS1-EWW1	20 ml	21/04/2020
WW1224	Waste Water 废水	Total Sulphide 总硫化物	FWTS1-EWW1	20 ml	16/06/2020
WW1225	Waste Water 废水	Total Sulphide 总硫化物	FWTS1-EWW1	20 ml	04/08/2020
WW1226	Waste Water 废水	Total Sulphide 总硫化物	FWTS1-EWW1	20 ml	13/10/2020
WW1227	Waste Water 废水	Total Sulphide 总硫化物	FWTS1-EWW1	20 ml	08/12/2020

WW1228	Waste Water 废水	Total Sulphide 总硫化物	FWTS1-EWW1	20 ml	09/02/2021

Trace Metals 1 微量金属 1

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date
WW0522	Waste Water 废水	Trace Metals 1 微量金属 1	FWTM1-EWW1	20 ml	11/02/2020
WW0523	Waste Water 废水	Trace Metals 1 微量金属 1	FWTM1-EWW1	20 ml	21/04/2020
WW0524	Waste Water 废水	Trace Metals 1 微量金属 1	FWTM1-EWW1	20 ml	16/06/2020
WW0525	Waste Water 废水	Trace Metals 1 微量金属 1	FWTM1-EWW1	20 ml	04/08/2020
WW0526	Waste Water 废水	Trace Metals 1 微量金属 1	FWTM1-EWW1	20 ml	13/10/2020
WW0527	Waste Water 废水	Trace Metals 1 微量金属 1	FWTM1-EWW1	20 ml	08/12/2020
WW0528	Waste Water 废水	Trace Metals 1 微量金属 1	FWTM1-EWW1	20 ml	09/02/2021

微量金属 1 包含:
Aluminium, Arsenic, Beryllium, Cadmium, Chromium (total), Cobalt, Copper, Iron, Lead, Manganese, Mercury, Nickel, Selenium, Vanadium, Zinc 铝、砷、铍、镉、铬（总量）、钴、铜、铁、铅、锰、汞、镍、硒、钒、锌

Trace Metals 2 微量金属 2

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date
WW0622	Waste Water 废水	Trace Metals 2 微量金属 2	FWTM2-EWW1	20 ml	11/02/2020
WW0623	Waste Water 废水	Trace Metals 2 微量金属 2	FWTM2-EWW1	20 ml	21/04/2020
WW0624	Waste Water 废水	Trace Metals 2 微量金属 2	FWTM2-EWW1	20 ml	16/06/2020
WW0625	Waste Water 废水	Trace Metals 2 微量金属 2	FWTM2-EWW1	20 ml	04/08/2020
WW0626	Waste Water 废水	Trace Metals 2 微量金属 2	FWTM2-EWW1	20 ml	13/10/2020
WW0627	Waste Water 废水	Trace Metals 2 微量金属 2	FWTM2-EWW1	20 ml	08/12/2020
WW0628	Waste Water 废水	Trace Metals 2 微量金属 2	FWTM2-EWW1	20 ml	09/02/2021

微量金属 2 包含:
Antimony, Barium, Boron, Molybdenum, Silver, Strontium, Thallium 锑、钡、硼、钼、银、锶、铊

VOC / BTEX 挥发性有机化合物/苯及衍生物

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date
WW1522	Waste Water 废水	BTEX / VOC	FWVO1-EWW1	2 ml	11/02/2020
WW1523	Waste Water 废水	BTEX / VOC	FWVO1-EWW1	2 ml	21/04/2020
WW1524	Waste Water 废水	BTEX / VOC	FWVO1-EWW1	2 ml	16/06/2020
WW1525	Waste Water 废水	BTEX / VOC	FWVO1-EWW1	2 ml	04/08/2020
WW1526	Waste Water 废水	BTEX / VOC	FWVO1-EWW1	2 ml	13/10/2020
WW1527	Waste Water 废水	BTEX / VOC	FWVO1-EWW1	2 ml	08/12/2020
WW1528	Waste Water 废水	BTEX / VOC	FWVO1-EWW1	2 ml	09/02/2021

包含:
Benzene, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, Ethylbenzene, Methyl tert-butyl ether, Naphthalene, Toluene, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, m & p-xylene, o-xylene, Xylene (total)
苯、1,2-二氯苯、1,3-二氯苯、1,4-二氯苯、乙苯、甲基叔丁基醚、萘、甲苯、1,2,4-三甲基苯、1,3,5-三甲基苯、间对二甲苯、邻二甲苯、二甲苯（总计）

SOIL 土壤

Trace Metals 5 微量金属 5

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date
SL0107	Soil 土壤	Trace Metals 5 微量金属 5	FWTM5-SOI1	approx 6 g	08/10/2020

包含:
Cadmium, Lead, Chromium, Arsenic, Barium, Nickel, Copper, Zinc, Mercury
镉、铅、铬、砷、钡、镍、铜、锌、汞

SURFACE WATER 地表水

Major Inorganic Components 主要无机成分

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date
SW0109	Surface Water 地表水	Major Inorganic Components 主要无机成分	FWIC1-SUW1	1 litre + spiking conc.	28/01/2020
SW0110	Surface Water 地表水	Major Inorganic Components 主要无机成分	FWIC1-SUW1	1 litre + spiking conc.	23/06/2020
SW0111	Surface Water 地表水	Major Inorganic Components 主要无机成分	FWIC1-SUW1	1 litre + spiking conc.	02/02/2021

主要无机成分包含:
Chloride, Sulphate, Alkalinity, Total Hardness, Calcium, Magnesium, Sodium, Potassium, Fluoride, Phosphorus (total)
氯化物、硫酸盐、碱度、总硬度、钙、镁、钠、钾、氟化物、磷（总量）

Routine Components 常规成分

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date
SW0209	Surface Water 地表水	Routine Components 常规成分	FWRC1-SUW1	1 litre + spiking conc.	28/01/2020
SW0210	Surface Water 地表水	Routine Components 常规成分	FWRC1-SUW1	1 litre + spiking conc.	23/06/2020
SW0211	Surface Water 地表水	Routine Components 常规成分	FWRC1-SUW1	1 litre + spiking conc.	02/02/2021

常规成分包含:
Nitrite, Nitrate, Ammonium, Total Organic Carbon (TOC), Permanganate Index Val. (PIV oxidisability) 10 min, SR Phosphate, pH, Conductivity (20°C), Colour (filtered), Turbidity
亚硝酸盐、硝酸盐、铵盐、总有机碳（TOC）、Permanganate Index Val.（PIV 氧化性）10 min、Sr 磷酸盐、pH、电导率（20°C）、颜色（过滤），浊度

Metals (in 0.5% Nitric Acid) 金属（0.5%硝酸）

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date
SW0309	Surface Water 地表水	Metals (in 0.5% Nitric Acid) 金属（0.5%硝酸）	FWME1-SUW1	500 ml + Standard Sol	28/01/2020

SW0310	Surface Water 地表水	Metals (in 0.5% Nitric Acid) 金属（0.5%硝酸）	FWME1-SUW1	500 ml + Standard Sol	23/06/2020
SW0311	Surface Water 地表水	Metals (in 0.5% Nitric Acid) 金属（0.5%硝酸）	FWME1-SUW1	500 ml + Standard Sol	02/02/2021

包含:
Iron, Manganese, Copper, Aluminium, Zinc, Silver, Barium, Boron, Strontium, Lithium
铁、锰、铜、铝、锌、银、钡、硼、锶、锂

Toxic Metals (in 0.5% Nitric Acid) 有毒金属（0.5%硝酸）

Item Code	Matrix	Analytes	Product Code	Approx. Size	Start Date
SW0409	Surface Water 地表水	Toxic Metals (in 0.5% Nitric Acid) 有毒金属（0.5%硝酸）	FWTX1-SUW1	500 ml + spiking conc	28/01/2020
SW0410	Surface Water 地表水	Toxic Metals (in 0.5% Nitric Acid) 有毒金属（0.5%硝酸）	FWTX1-SUW1	500 ml + spiking conc	23/06/2020
SW0411	Surface Water 地表水	Toxic Metals (in 0.5% Nitric Acid) 有毒金属（0.5%硝酸）	FWTX1-SUW1	500 ml + spiking conc	02/02/2021

包含:
Cadmium, Lead, Nickel, Selenium, Arsenic, Antimony, Mercury, Cobalt, Vanadium, Chromium, Molybdenum, Tin, Beryllium 镉、铅、镍、硒、砷、锑、汞、钴、钒、铬、钼、锡、铍