# 取样记录表/Sample Data Form

编号/NO.： 500-1-1

| 项 目/<br>Items | 内 容/<br>Description | 内 容/<br>Description | 内 容/<br>Description | 内 容/<br>Description |
|---|---|---|---|---|
| 取样日期/<br>Sampling date | 2013.7.10 | 2013.7.10 | 2013.7.10 | 2013.7.10 |
| 船舶名称/<br>Name of ship | 顺安 328<br>ShunAn 328 | 顺安 328<br>ShunAn 328 | 顺安 328<br>ShunAn 328 | 顺安 328<br>ShunAn 328 |
| 识别号或字母/<br>Distinctive number or letters | CN20089032653 | CN20089032653 | CN20089032653 | CN20089032653 |
| 登记港/<br>Port of registry | 安庆<br>Anqing | 安庆<br>Anqing | 安庆<br>Anqing | 安庆<br>Anqing |
| 船舶总吨/<br>Gross tonnage | 1468 吨 | 1468 吨 | 1468 吨 | 1468 吨 |
| 船舶建造日期/<br>Date of construction | 2009.8.10 | 2009.8.10 | 2009.8.10 | 2009.8.10 |
| 压载水舱容/<br>Ballast water capacity | $1800m^3$ | $1800m^3$ | $1800m^3$ | $1800m^3$ |
| 试验地点（港口、码头）/<br>Origin of water sampled(port、harbor) | 浙江舟山大洋山 | 浙江舟山大洋山 | 浙江舟山大洋山 | 浙江舟山大洋山 |
| 取样舱的类型及位置/<br>Type and position of the sampled tank | 4#处理舱 | 4#处理舱 | 4#处理舱 | 4#处理舱 |
| 取样舱的容积/<br>Capacity of the sampled tank | $600m^3$ | $600m^3$ | $600m^3$ | $600m^3$ |
| 压载水管理方法/<br>Type of ballast water management undertaken | in line treatment | in line treatment | in line treatment | in line treatment |

| 压载水处理系统构成/<br>Make of ballast water management system | 过滤单元和光催化反应单元/ Filtration unit and Photo-catalytic reaction unit | 过滤单元和光催化反应单元/ Filtration unit and Photo-catalytic reaction unit | 过滤单元和光催化反应单元/ Filtration unit and Photo-catalytic reaction unit | 过滤单元和光催化反应单元/Filtration unit and Photo-catalytic reaction unit |
|---|---|---|---|---|
| 样品标识码/<br>sample ID code | SHOU-BWDL-JPMT-014A1<br>SHOU-BWDL-JPMT-014A2<br>SHOU-BWDL-JPMT-014A3 | SHOU-BWDL-JPMT-014B1<br>SHOU-BWDL-JPMT-014B2<br>SHOU-BWDL-JPMT-014B3 | SHOU-BWDL-JPMT-014C1<br>SHOU-BWDL-JPMT-014C2<br>SHOU-BWDL-JPMT-014C3 | SHOU-BWDL-JPMT-014D1<br>SHOU-BWDL-JPMT-014D2<br>SHOU-BWDL-JPMT-014D3 |
| 样品类型（浮游生物、微生物）/<br>Sample type（larger，small plankton, microbes） | 10～50μm 生物<br>Organism 10～50μm in minimum dimension | ≥50μm 生物<br>Organism≥50μm in minimum dimension | 细菌<br>Bacteria | 水化指标<br>Water chemical index |
| 采用的取样技术/<br>Sampling techniques used | | | | |
| 网（垂直拖网高度、网口直径、孔尺寸）/Net (including depth of vertical net haul, net opening size, mesh size) | 斜径 10μm，网口直径 21cm，网高 52cm<br>Diagonal size:10μm opening size 21cm, Net length:52cm | 斜径 50μm，网口直径 54cm，网高 94cm<br>Diagonal size:50μm Opening size: 54cm, Net length:94cm | / | / |
| 泵（包括取样深度，泵流量 1/min）/<br>Pump（sampling depth, pump flow rate 1/min） | / | / | / | / |
| 瓶（包括取样深度、瓶容积 l）/<br>Bottle (sampling depth, bottle capacity) | 100ml 样品瓶<br>Sample bottle (100ml) | 250ml 样品瓶<br>Sample bottle (250ml) | 500ml 样品瓶*1,<br>Sample bottle (500ml)<br>100ml 样品瓶*2<br>Two sample bottles (100ml*2) | 5L 样品瓶<br>Sample bottle (5L) |

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| | | | | |
|---|---|---|---|---|
| 使用的其他取样技术/<br>Specify other sampling technique if used | / | / | / | / |
| 取样开始时间/<br>Sampling start time | 21:00、21:15、21:30 | 21:00、21:15、21:30 | 21:00、21:15、21:30 | 21:00、21:15、21:30 |
| 取样结束时间/<br>Sampling end time | 21:10、21:25、21:40 | 21:10、21:25、21:40 | 21:10、21:25、21:40 | 21:10、21:25、21:40 |
| 取样点形式（吸入/排放）/<br>Type of sampling access point（uptake/ discharge） | 吸入 (uptake) | 吸入 (uptake) | 吸入 (uptake) | 吸入 (uptake) |
| 取样点位置（吸入/排放）/<br>Location of sampling access point（uptake/ discharge） | S-1 | S-1 | S-1 | S-1 |
| 样品水量/<br>Water volume sampled | 10L*3 | $1m^3$*3 | 700ml *3 | 5L*3 |
| 集中样品的筛或网的尺寸 μm/<br>Size of the sieve for concentration of sample (μm) | 10μm | 50μm | / | / |
| 防腐剂（如使用）/<br>preservative（if used） | 甲醛<br>formaldehyde | 甲醛<br>formaldehyde | / | / |
| 冷冻容器、暗箱（如有）/<br>cooling container, dark storage | 暗箱<br>Dark box | 暗箱<br>Dark box | 冰箱<br>refrigerator | 冰箱<br>refrigerator |

记录人/Recorder：周敏　　采样员/Sampling Personnel：刘亮　　质量员/Quality manager：孙学信

项目负责人/Project manager：张代义　　监督人/Supervisor：

# 取样记录表/Sample Data Form

编号/NO.： 500-1-2

| 项 目/<br>Items | 内 容/<br>Description | 内 容/<br>Description | 内 容/<br>Description | 内 容/<br>Description |
|---|---|---|---|---|
| 取样日期/<br>Sampling date | 2013.7.10 | 2013.7.10 | 2013.7.10 | 2013.7.10 |
| 船舶名称/<br>Name of ship | 顺安 328<br>ShunAn 328 | 顺安 328<br>ShunAn 328 | 顺安 328<br>ShunAn 328 | 顺安 328<br>ShunAn 328 |
| 识别号或字母/<br>Distinctive number or letters | CN20089032653 | CN20089032653 | CN20089032653 | CN20089032653 |
| 登记港/<br>Port of registry | 安庆<br>Anqing | 安庆<br>Anqing | 安庆<br>Anqing | 安庆<br>Anqing |
| 船舶总吨/<br>Gross tonnage | 1468 吨 | 1468 吨 | 1468 吨 | 1468 吨 |
| 船舶建造日期/<br>Date of construction | 2009.8.10 | 2009.8.10 | 2009.8.10 | 2009.8.10 |
| 压载水舱容/<br>Ballast water capacity | $1800m^3$ | $1800m^3$ | $1800m^3$ | $1800m^3$ |
| 试验地点（港口、码头）/<br>Origin of water sampled(port、harbor) | 浙江舟山大洋山 | 浙江舟山大洋山 | 浙江舟山大洋山 | 浙江舟山大洋山 |
| 取样舱的类型及位置/<br>Type and position of the sampled tank | 3#对照舱 | 3# 对照舱 | 3# 对照舱 | 3#对照舱 |
| 取样舱的容积/<br>Capacity of the sampled tank | $600m^3$ | $600m^3$ | $600m^3$ | $600m^3$ |
| 压载水管理方法/<br>Type of ballast water management undertaken | in line treatment | in line treatment | in line treatment | in line treatment |

| 压载水处理系统构成/<br>Make of ballast water management system | 过滤单元和光催化反应单元/ Filtration unit and Photo-catalytic reaction unit | 过滤单元和光催化反应单元/ Filtration unit and Photo-catalytic reaction unit | 过滤单元和光催化反应单元/ Filtration unit and Photo-catalytic reaction unit | 过滤单元和光催化反应单元/Filtration unit and Photo-catalytic reaction unit |
|---|---|---|---|---|
| 样品标识码/<br>sample ID code | SHOU-BWDL-JPMT-014A4<br>SHOU-BWDL-JPMT-014A5<br>SHOU-BWDL-JPMT-014A6 | SHOU-BWDL-JPMT-014B4<br>SHOU-BWDL-JPMT-014B5<br>SHOU-BWDL-JPMT-014B6 | SHOU-BWDL-JPMT-014C4<br>SHOU-BWDL-JPMT-014C5<br>SHOU-BWDL-JPMT-014C6 | SHOU-BWDL-JPMT-014D4<br>SHOU-BWDL-JPMT-014D5<br>SHOU-BWDL-JPMT-014D6 |
| 样品类型（浮游生物、微生物）/<br>Sample type（larger，small plankton, microbes） | 10～50μm 生物<br>Organism 10～50μm in minimum dimension | ≥50μm 生物<br>Organism≥50μm in minimum dimension | 细菌<br>Bacteria | 水化指标<br>Water chemical index |
| 采用的取样技术/<br>Sampling techniques used | | | | |
| 网（垂直拖网高度、网口直径、孔尺寸）/Net (including depth of vertical net haul, net opening size, mesh size) | 斜径 10μm，网口直径 21cm，网高 52cm<br>Diagonal size:10μm opening size 21cm, Net length:52cm | 斜径 50μm，网口直径 54cm，网高 94cm<br>Diagonal size:50μm Opening size: 54cm, Net length:94cm | / | / |
| 泵（包括取样深度，泵流量 1/min）/<br>Pump（sampling depth, pump flow rate 1/min） | / | / | / | / |
| 瓶（包括取样深度、瓶容积 l）/<br>Bottle (sampling depth, bottle capacity) | 100ml 样品瓶<br>Sample bottle (100ml) | 250ml 样品瓶<br>Sample bottle (250ml) | 500ml 样品瓶*1,<br>Sample bottle (500ml)<br>100ml 样品瓶*2<br>Two sample bottles (100ml*2) | 5L 样品瓶<br>Sample bottle (5L) |

| | | | | |
|---|---|---|---|---|
| 使用的其他取样技术/<br>Specify other sampling technique if used | / | / | / | / |
| 取样开始时间/<br>Sampling start time | 19:10，19:25，19:40 | 19:10，19:25，19:40 | 19:10，19:25，19:40 | 19:10，19:25，19:40 |
| 取样结束时间/<br>Sampling end time | 19:20，19:35，19:50 | 19:20，19:35，19:50 | 19:20，19:35，19:50 | 19:20，19:35，19:50 |
| 取样点形式（吸入/排放）/<br>Type of sampling access point（uptake/ discharge） | 吸入（uptake） | 吸入（uptake） | 吸入（uptake） | 吸入（uptake） |
| 取样点位置（吸入/排放）/<br>Location of sampling access point（uptake/ discharge） | S-2 | S-2 | S-2 | S-2 |
| 样品水量/<br>Water volume sampled | 10L*3 | $1m^3$*3 | 700ml *3 | 5L*3 |
| 集中样品的筛或网的尺寸 μm/<br>Size of the sieve for concentration of sample（μm） | 10μm | 50μm | / | / |
| 防腐剂（如使用）/<br>preservative（if used） | 甲醛<br>formaldehyde | 甲醛<br>formaldehyde | / | / |
| 冷冻容器、暗箱（如有）/<br>cooling container, dark storage | 暗箱<br>Dark box | 暗箱<br>Dark box | 冰箱<br>refrigerator | 冰箱<br>refrigerator |

记录人/Recorder：周越　　采样员/Sampling Personnel：刘亮　　质量员/Quality manager：刘安信

项目负责人/Project manager：张代文　　监督人/Supervisor：

# 取样记录表/Sample Data Form

编号/NO.： 500-1-3

| 项 目/<br>Items | 内 容/<br>Description | 内 容/<br>Description | 内 容/<br>Description | 内 容/<br>Description |
|---|---|---|---|---|
| 取样日期/<br>Sampling date | 2013.7.11 | 2013.7.11 | 2013.7.11 | 2013.7.11 |
| 船舶名称/<br>Name of ship | 顺安 328<br>ShunAn 328 | 顺安 328<br>ShunAn 328 | 顺安 328<br>ShunAn 328 | 顺安 328<br>ShunAn 328 |
| 识别号或字母/<br>Distinctive number or letters | CN20089032653 | CN20089032653 | CN20089032653 | CN20089032653 |
| 登记港/<br>Port of registry | 安庆<br>Anqing | 安庆<br>Anqing | 安庆<br>Anqing | 安庆<br>Anqing |
| 船舶总吨/<br>Gross tonnage | 1468 吨 | 1468 吨 | 1468 吨 | 1468 吨 |
| 船舶建造日期/<br>Date of construction | 2009.8.10 | 2009.8.10 | 2009.8.10 | 2009.8.10 |
| 压载水舱容/<br>Ballast water capacity | $1800m^3$ | $1800m^3$ | $1800m^3$ | $1800m^3$ |
| 试验地点（港口、码头）/<br>Origin of water sampled(port、harbor) | 江苏盐城大丰港 | 江苏盐城大丰港 | 江苏盐城大丰港 | 江苏盐城大丰港 |
| 取样舱的类型及位置/<br>Type and position of the sampled tank | 4#处理舱 | 4#处理舱 | 4#处理舱 | 4#处理舱 |
| 取样舱的容积/<br>Capacity of the sampled tank | $600m^3$ | $600m^3$ | $600m^3$ | $600m^3$ |
| 压载水管理方法/<br>Type of ballast water management undertaken | in line treatment | in line treatment | in line treatment | in line treatment |

| 压载水处理系统构成/<br>Make of ballast water management system | 过滤单元和光催化反应单元/ Filtration unit and Photo-catalytic reaction unit | 过滤单元和光催化反应单元/ Filtration unit and Photo-catalytic reaction unit | 过滤单元和光催化反应单元/ Filtration unit and Photo-catalytic reaction unit | 过滤单元和光催化反应单元/Filtration unit and Photo-catalytic reaction unit |
|---|---|---|---|---|
| 样品标识码/<br>sample ID code | SHOU-BWDL-JPMT- 014A7<br>SHOU-BWDL-JPMT- 014A8<br>SHOU-BWDL-JPMT- 014A9<br>SHOU-BWDL-JPMT- 014A10<br>SHOU-BWDL-JPMT- 014A11<br>SHOU-BWDL-JPMT- 014A12<br>SHOU-BWDL-JPMT- 014A13<br>SHOU-BWDL-JPMT- 014A14<br>SHOU-BWDL-JPMT- 014A15 | SHOU-BWDL-JPMT- 014B7<br>SHOU-BWDL-JPMT- 014B8<br>SHOU-BWDL-JPMT- 014B9<br>SHOU-BWDL-JPMT- 014B10<br>SHOU-BWDL-JPMT- 014B11<br>SHOU-BWDL-JPMT- 014B12<br>SHOU-BWDL-JPMT- 014B13<br>SHOU-BWDL-JPMT- 014B14<br>SHOU-BWDL-JPMT- 014B15 | SHOU-BWDL-JPMT- 014C7<br>SHOU-BWDL-JPMT- 014C8<br>SHOU-BWDL-JPMT- 014C9<br>SHOU-BWDL-JPMT- 014C10<br>SHOU-BWDL-JPMT- 014C11<br>SHOU-BWDL-JPMT- 014C12<br>SHOU-BWDL-JPMT- 014C13<br>SHOU-BWDL-JPMT- 014C14<br>SHOU-BWDL-JPMT- 014C15 | SHOU-BWDL-JPMT- 014D7<br>SHOU-BWDL-JPMT- 014D8<br>SHOU-BWDL-JPMT- 014D9<br>SHOU-BWDL-JPMT- 014D10<br>SHOU-BWDL-JPMT- 014D11<br>SHOU-BWDL-JPMT- 014D12<br>SHOU-BWDL-JPMT- 014D13<br>SHOU-BWDL-JPMT- 014D14<br>SHOU-BWDL-JPMT- 014D15 |
| 样品类型（浮游生物、微生物）/<br>Sample type（larger，small plankton, microbes） | 10～50μm 生物<br>Organism 10～50μm in minimum dimension | ≥50μm 生物<br>Organism≥50μm in minimum dimension | 细菌<br>Bacteria | 水化指标<br>Water chemical index |
| 采用的取样技术/<br>Sampling techniques used | | | | |
| 网（垂直拖网高度、网口直径、孔尺寸）/Net (including depth of vertical net haul, net opening size, mesh size) | 斜径 10μm，网口直径 21cm，网高 52cm<br>Diagonal size:10μm opening size 21cm, Net length:52cm | 斜径 50μm，网口直径 54cm，网高 94cm<br>Diagonal size:50μm Opening size: 54cm, Net length:94cm | / | / |
| 泵（包括取样深度，泵流量 1/min）/<br>Pump（sampling depth, pump flow rate 1/min） | / | / | / | / |

| 瓶（包括取样深度、瓶容积 l）/ Bottle (sampling depth, bottle capacity) | 100ml 样品瓶 Sample bottle (100ml) | 250ml 样品瓶 Sample bottle (250ml) | 500ml 样品瓶*1, Sample bottle (500ml) 100ml 样品瓶*2 Two sample bottles (100ml*2) | 5L 样品瓶 Sample bottle (5L) |
|---|---|---|---|---|
| 使用的其他取样技术/ Specify other sampling technique if used | / | / | / | / |
| 取样开始时间/ Sampling start time | 9:10, 9:25, 9:40 | 9:10, 9:25, 9:40 | 9:10, 9:25, 9:40 | 9:10, 9:25, 9:46 |
| 取样结束时间/ Sampling end time | 9:20, 9:35, 9:50 | 9:20, 9:35, 9:50 | 9:20, 9:35, 9:50 | 9:20, 9:35, 9:50 |
| 取样点形式（吸入/排放）/ Type of sampling access point（uptake/ discharge） | 排放 (discharge) | 排放 (discharge) | 排放 (discharge) | 排放 (discharge) |
| 取样点位置（吸入/排放）/ Location of sampling access point（uptake/ discharge） | S-3 | S-3 | S-3 | S-3 |
| 样品水量/ Water volume sampled | 10L*9 | $1m^3$*9 | 700ml *9 | 5L*9 |
| 集中样品的筛或网的尺寸 μm/ Size of the sieve for concentration of sample (μm) | 10μm | 50μm | / | / |
| 防腐剂（如使用）/ preservative（if used） | 甲醛 formaldehyde | 甲醛 formaldehyde | / | / |
| 冷冻容器、暗箱（如有）/ cooling container, dark storage | 暗箱 Dark box | 暗箱 Dark box | 冰箱 refrigerator | 冰箱 refrigerator |

记录人/Recorder：

采样员/Sampling Personnel：

质量员/Quality manager：

项目负责人/Project manager：

监督人/Supervisor：

# 取样记录表/Sample Data Form

编号/NO.： 500-1-4

| 项 目/<br>Items | 内 容/<br>Description | 内 容/<br>Description | 内 容/<br>Description | 内 容/<br>Description |
|---|---|---|---|---|
| 取样日期/<br>Sampling date | 2013.7.11 | 2013.7.11 | 2013.7.11 | 2013.7.11 |
| 船舶名称/<br>Name of ship | 顺安 328<br>ShunAn 328 | 顺安 328<br>ShunAn 328 | 顺安 328<br>ShunAn 328 | 顺安 328<br>ShunAn 328 |
| 识别号或字母/<br>Distinctive number or letters | CN20089032653 | CN20089032653 | CN20089032653 | CN20089032653 |
| 登记港/<br>Port of registry | 安庆<br>Anqing | 安庆<br>Anqing | 安庆<br>Anqing | 安庆<br>Anqing |
| 船舶总吨/<br>Gross tonnage | 1468 吨 | 1468 吨 | 1468 吨 | 1468 吨 |
| 船舶建造日期/<br>Date of construction | 2009.8.10 | 2009.8.10 | 2009.8.10 | 2009.8.10 |
| 压载水舱容/<br>Ballast water capacity | $1800m^3$ | $1800m^3$ | $1800m^3$ | $1800m^3$ |
| 试验地点（港口、码头）/<br>Origin of water sampled(port、harbor) | 江苏盐城大丰港 | 江苏盐城大丰港 | 江苏盐城大丰港 | 江苏盐城大丰港 |
| 取样舱的类型及位置/<br>Type and position of the sampled tank | 3井 对照舱 | 3井 对照舱 | 3井 对照舱 | 3井 对照舱 |
| 取样舱的容积/<br>Capacity of the sampled tank | $600m^3$ | $600m^3$ | $600m^3$ | $600m^3$ |
| 压载水管理方法/<br>Type of ballast water management undertaken | in line treatment | in line treatment | in line treatment | in line treatment |

| 压载水处理系统构成/<br>Make of ballast water management system | 过滤单元和光催化反应单元/ Filtration unit and Photo-catalytic reaction unit | 过滤单元和光催化反应单元/ Filtration unit and Photo-catalytic reaction unit | 过滤单元和光催化反应单元/ Filtration unit and Photo-catalytic reaction unit | 过滤单元和光催化反应单元/Filtration unit and Photo-catalytic reaction unit |
|---|---|---|---|---|
| 样品标识码/<br>sample ID code | SHOU-BWDL-JPMT-014A16<br>SHOU-BWDL-JPMT-014A17<br>SHOU-BWDL-JPMT-014A18 | SHOU-BWDL-JPMT-014B16<br>SHOU-BWDL-JPMT-014B17<br>SHOU-BWDL-JPMT-014B18 | SHOU-BWDL-JPMT-014C16<br>SHOU-BWDL-JPMT-014C17<br>SHOU-BWDL-JPMT-014C18 | SHOU-BWDL-JPMT-014D16<br>SHOU-BWDL-JPMT-014D17<br>SHOU-BWDL-JPMT-014D18 |
| 样品类型（浮游生物、微生物）/<br>Sample type（larger，small plankton, microbes） | 10～50μm 生物<br>Organism 10～50μm in minimum dimension | ≥50μm 生物<br>Organism≥50μm in minimum dimension | 细菌<br>Bacteria | 水化指标<br>Water chemical index |
| 采用的取样技术/<br>Sampling techniques used | | | | |
| 网（垂直拖网高度、网口直径、孔尺寸）/Net (including depth of vertical net haul, net opening size, mesh size) | 斜径 10μm，网口直径 21cm，网高 52cm<br>Diagonal size:10μm opening size 21cm, Net length:52cm | 斜径 50μm，网口直径 54cm，网高 94cm<br>Diagonal size:50μm Opening size: 54cm, Net length:94cm | / | / |
| 泵（包括取样深度，泵流量 1/min）/<br>Pump（sampling depth, pump flow rate 1/min） | / | / | / | / |
| 瓶（包括取样深度、瓶容积 l）/<br>Bottle (sampling depth, bottle capacity) | 100ml 样品瓶<br>Sample bottle (100ml) | 250ml 样品瓶<br>Sample bottle (250ml) | 500ml 样品瓶*1,<br>Sample bottle (500ml)<br>100ml 样品瓶*2<br>Two sample bottles (100ml*2) | 5L 样品瓶<br>Sample bottle (5L) |

| | | | | |
|---|---|---|---|---|
| 使用的其他取样技术/<br>Specify other sampling technique if used | / | / | / | / |
| 取样开始时间/<br>Sampling start time | 10:40, 10:55, 11:10 | 10:40, 10:55, 11:10 | 10:40, 10:55, 11:10 | 10:40, 10:55, 11:10 |
| 取样结束时间/<br>Sampling end time | 10:50, 11:05, 11:20 | 10:50, 11:05, 11:20 | 10:50, 11:05, 11:20 | 10:50, 11:05, 11:20 |
| 取样点形式（吸入/排放）/<br>Type of sampling access point（uptake/ discharge） | 排放(discharge) | 排放(discharge) | 排放(discharge) | 排放(discharge) |
| 取样点位置（吸入/排放）/<br>Location of sampling access point（uptake/ discharge） | S-4 | S-4 | S-4 | S-4 |
| 样品水量/<br>Water volume sampled | 10L*3 | $1m^3$*3 | 700ml *3 | 5L*3 |
| 集中样品的筛或网的尺寸 μm/<br>Size of the sieve for concentration of sample (μm) | 10μm | 50μm | / | / |
| 防腐剂（如使用）/<br>preservative（if used） | 甲醛<br>formaldehyde | 甲醛<br>formaldehyde | / | / |
| 冷冻容器、暗箱（如有）/<br>cooling container, dark storage | 暗箱<br>Dark box | 暗箱<br>Dark box | 冰箱<br>refrigerator | 冰箱<br>refrigerator |

记录人/Recorder：周逸　　采样员/Sampling Personnel：　　质量员/Quality manager：

项目负责人/Project manager：　　监督人/Supervisor：