

# bluesign System 黑色评级限值 (BSBL)

化学品中受控物质阈值

## 修订日志 2026

8.0 版，2026 年 7 月 1 日 – 相较于 7.0 版，2025 年 7 月 1 日

## Purpose 目的

This document provides an overview of the changes in BSBL version 8.0 compared to version 7.0.

本文件概述了 BSBL 8.0 版中相较于 7.0 版的相关修订。

## Validity of BSBL v8.0 BSBL 8.0 版有效性

BSBL 8.0 comes into force on 01 July 2026.

It replaces the bluesign System Black List (BSBL) version 7.0 from 01 July 2025.

For all bluesign System Partners: Unless otherwise stated, the revised sections will be implemented by 01 July 2027 at the latest.

BSBL 8.0 版于 2026 年 7 月 1 日生效执行。

同时取代 2025 年 7 月 1 日发行的 bluesign System 黑色评级限值 (BSBL) 7.0 版本。

所有 bluesign System Partners 应于 2027 年 7 月 1 日前执行增改的章节。

## General text changes 一般文字变更

The text section of the BSBL undergoes an annual review, and consequently, the wording is amended as needed. This document outlines only the key changes:

BSBL 文字章节每年均会进行审阅，并依需要修订用词。本文件仅概述其中的重要变更：

- PFAS Phase-out chapter has been extended, and testing approach was amended  
PFAS 淘汰计划章节已扩充，测试方法也已修订
- Added Chapter 5.9 explaining Non-PFAS Dyestuff containing fluorine  
新增第 5.9 章，说明含氟的非 PFAS 染料

## Threshold limit values 阈值

### Amines 胺类

| Name 化学物质名称                                          | CAS No.  | Sector of Use 适用范围 | Limit Type 限制类型 | Value 阈值                 | Comment 备注       |
|------------------------------------------------------|----------|--------------------|-----------------|--------------------------|------------------|
| <b>2,5-Diaminotoluene and its salts 2,5-二氨基甲苯及其盐</b> |          |                    |                 |                          |                  |
| 2,5-Diaminotoluene<br>2,5-二氨基甲苯                      | 95-70-5  | All<br>全部          | Usage ban<br>禁用 | 150 mg/kg<br>group limit | New group<br>新组别 |
| 2,5-Diaminotoluene sulfate<br>硫酸 2,5-二氨基甲苯           | 615-50-9 |                    |                 | 150 mg/kg<br>组别限值        |                  |

### Arylamines 芳香胺

| Name 化学物质名称                                  | CAS No.  | Sector of Use 适用范围 | Limit Type 限制类型 | Value 阈值                                      | Comment 备注            |
|----------------------------------------------|----------|--------------------|-----------------|-----------------------------------------------|-----------------------|
| <b>2-Naphthylamine and its salts 2-萘胺及其盐</b> |          |                    |                 |                                               |                       |
| 2-naphthylammonium<br>chloride<br>鹽酸 2-萘胺    | 612-52-2 | All<br>全部          | Usage ban<br>禁用 | 150 mg/kg<br>group limit<br>150 mg/kg<br>组别限值 | New substance<br>新增物质 |

## Biocides 杀菌剂

| Name 化学物质名称                              | CAS No. | Sector of Use 适用范围 | Limit Type 限制类型           | Value 阈值   | Comment 备注                          |
|------------------------------------------|---------|--------------------|---------------------------|------------|-------------------------------------|
| o-Phenylphenol and its salts<br>邻苯基苯酚及其盐 | -       | Leather<br>皮革      | Usage restriction<br>使用限制 | 5000 mg/kg | Added limit for leather.<br>新增皮革限值。 |

## Chlorinated Benzenes and Toluenes 氯化苯和氯化甲苯

| Name 化学物质名称                                      | CAS No. | Sector of Use 适用范围 | Limit Type 限制类型 | Value 阈值 | Comment 备注                                         |
|--------------------------------------------------|---------|--------------------|-----------------|----------|----------------------------------------------------|
| Trichlorotoluenes, all isomers<br>三氯甲苯 (所有异构体)   | -       | All<br>全部          | Usage ban<br>禁用 | 10 mg/kg | Additional individual limit introduced.<br>新增个别限值。 |
| Tetrachlorotoluenes, all isomers<br>四氯甲苯 (所有异构体) | -       | All<br>全部          | Usage ban<br>禁用 | 10 mg/kg | Additional individual limit introduced.<br>新增个别限值。 |

## Chlorinated paraffins, all chain lengths 氯化石蜡, 所有链长

| Name 化学物质名称                                                       | CAS No.      | Sector of Use<br>适用范围 | Limit Type<br>限制类型 | Value 阈值  | Comment 备注                               |
|-------------------------------------------------------------------|--------------|-----------------------|--------------------|-----------|------------------------------------------|
| Paraffin, C14-C17, chlorinated (MCCP) 中链氯化石蜡 C14-C17 (MCCP)       |              |                       |                    |           |                                          |
| Paraffin, C14-C17, chlorinated - (MCCP)<br>中链氯化石蜡 C14-C17 (MCCP)  | 85535-85-9   | All<br>全部             | Usage ban<br>禁用    | 250 mg/kg | The group limit is increased.<br>组别限值提高。 |
| Alkanes, C14-16, chloro<br>中鏈氯化石蠟 C14-16                          | 1372804-76-6 |                       |                    |           |                                          |
| Di-, tri- and tetrachlorotetradecane<br>二、三及四氯十四烷                 | -            |                       |                    |           |                                          |
| Tetradecane, chloro derivs.<br>十四烷，氯代衍生物                          | 198840-65-2  |                       |                    |           |                                          |
| Paraffin, C18-C28, chlorinated (LCCP) 长链氯化石蜡 C18-C28 (LCCP)       |              |                       |                    |           |                                          |
| Paraffin, C18-C28, chlorinated - (LCCP)<br>长链氯化石蜡, C18-C28 (LCCP) | 85535-86-0   | All<br>全部             | Usage ban<br>禁用    | 250 mg/kg | The group limit is increased.<br>组别限值提高。 |
| Paraffin wax, chlorinated<br>氯化石蜡                                 | 63449-39-8   |                       |                    |           |                                          |
| Paraffin, C10-C13, chlorinated (SCCP) 短链氯化石蜡 C10-C13 (SCCP)       |              |                       |                    |           |                                          |
| Paraffin, C10-C13, chlorinated - (SCCP)<br>短链氯化石蜡,C10-C13 (SCCP)  | 85535-84-8   | All<br>全部             | Usage ban<br>禁用    | 250 mg/kg | The group limit is increased.<br>组别限值提高。 |

## Colorants 着色剂

| Name 化学物质名称                                             | CAS No.                           | Sector of Use 适用范围 | Limit Type 限制类型 | Value 阈值   | Comment 备注                                                                                  |
|---------------------------------------------------------|-----------------------------------|--------------------|-----------------|------------|---------------------------------------------------------------------------------------------|
| <b>Colorants banned for other reasons 因其他原因被禁用的着色剂</b>  |                                   |                    |                 |            |                                                                                             |
| Reactive Blue 69<br>活性蓝 69                              | 70209-99-3                        | All<br>全部          | Usage ban<br>禁用 | 200 mg/kg  | New substance<br>新增物质                                                                       |
| Reactive Red 84<br>活性红 84                               | 85187-33-3                        | All<br>全部          | Usage ban<br>禁用 | 200 mg/kg  | New substance<br>新增物质                                                                       |
| Reactive Brown 51<br>活性棕 51                             | No CAS Number<br>EC No: 466-490-7 | All<br>全部          | Usage ban<br>禁用 | 1000 mg/kg | New substance<br>新增物质                                                                       |
| <b>Basic Green 4 - (Malachite Green) 碱性绿 4 - (孔雀石绿)</b> |                                   |                    |                 |            |                                                                                             |
| Malachite green acetate<br>孔雀石绿乙酸盐                      | 41272-40-6                        | All<br>全部          | Usage ban<br>禁用 | 200 mg/kg  | New substance.<br>Group limit for all members of Basic Green 4.<br>新增物质。<br>碱性绿 4 所有成员组别限值。 |

## Flame Retardants 阻燃剂

| Name 化学物质名称                                                                                                                                    | CAS No.       | Sector of Use 适用范围 | Limit Type 限制类型 | Value 阈值   | Comment 备注                                                                                                                                                                                                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------------|-----------------|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Flame retardants<br>阻燃剂                                                                                                                        | Several<br>多个 | All<br>全部          | Usage ban<br>禁用 | 1000 mg/kg | Limit applies to total individual chlorine and bromine content. If detected above the limit, follow-up investigation of the flame retardant source shall be conducted via targeted testing and supplier verification.<br>限值适用于个别氯与溴的总含量。若检测结果超过限值，应透过针对性测试及供应商核实，对阻燃剂来源进行后续调查。 |
| 2-Ethylhexyl 2,3,4,5-tetrabromobenzoate<br>2,3,4,5-四溴苯甲酸 2-乙基己酯                                                                                | 183658-27-7   | All<br>全部          | Usage ban<br>禁用 | 50 mg/kg   | New substance<br>新增物质                                                                                                                                                                                                                                                          |
| <b>Dechlorane Plus - covering any of its individual anti- and syn-isomers or any combination thereof</b><br><b>得克隆—涵盖其单独的反式及顺式异构体，或两者的任意组合</b> |               |                    |                 |            |                                                                                                                                                                                                                                                                                |
| Dechlorane Plus<br>德克隆                                                                                                                         | 13560-89-9    | All<br>全部          | Usage ban<br>禁用 | 1 mg/kg    | New group<br>新组别                                                                                                                                                                                                                                                               |
| syn-Dechlorane plus<br>顺式德克隆                                                                                                                   | 135821-03-3   | All<br>全部          | Usage ban<br>禁用 |            |                                                                                                                                                                                                                                                                                |
| anti-Dechlorane plus<br>反式德克隆                                                                                                                  | 135821-74-8   | All<br>全部          | Usage ban<br>禁用 |            |                                                                                                                                                                                                                                                                                |

## Flame Retardants 阻燃剂

| Name 化学物质名称                                       | CAS No.    | Sector of Use<br>适用范围 | Limit Type<br>限制类型 | Value 阈值                                                                                         | Comment 备注                                                                                                                                                                                                                               |
|---------------------------------------------------|------------|-----------------------|--------------------|--------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Polybrominated Biphenyls 多溴联苯                     |            |                       |                    |                                                                                                  |                                                                                                                                                                                                                                          |
| Polybrominated Biphenyls<br>多溴联苯                  | 59536-65-1 | All<br>全部             | Usage ban<br>禁用    | 10 mg/kg                                                                                         | Change of allocation of all Polybrominated Biphenyls from Halogenated Biphenyls, halogenated Terphenyls and halogenated Naphthalenes to Flame Retardants.<br>No change in limits.<br>将所有多溴联苯的分类由「卤化代联苯, 卤化代三联苯和卤化代萘」调整至「阻燃剂」类别。<br>限值不变。 |
| 4-bromobiphenyl<br>4-溴联苯                          | 92-66-0    | All<br>全部             | Usage ban<br>禁用    | 10 mg/kg group limit of all PBBs<br>10 mg/kg 所有多溴联苯 PBBs 组别限值                                    | New substances in already restricted group.<br>新增物质于已限制组别中。                                                                                                                                                                              |
| 3-bromobiphenyl<br>3-溴联苯                          | 2113-57-7  |                       |                    |                                                                                                  |                                                                                                                                                                                                                                          |
| 4,4'-dibromobiphenyl<br>4,4'-二溴联苯                 | 92-86-4    |                       |                    |                                                                                                  |                                                                                                                                                                                                                                          |
| Polybrominated diphenyl ethers 多溴二苯醚              |            |                       |                    |                                                                                                  |                                                                                                                                                                                                                                          |
| Polybrominated diphenyl ethers<br>多溴二苯醚           | -          | All<br>全部             | Usage ban<br>禁用    | 10 mg/kg<br>200 mg/kg group limit for recovered materials<br><br>10 mg/kg<br>200 mg/kg 可回收材料组别限值 | Add group limit for all PBDE.<br>新增所有多溴二苯醚 (PBDE) 组别限值。                                                                                                                                                                                  |
| Mono – Decabrominated diphenyl ethers<br>一溴至十溴二苯醚 | -          | All<br>全部             | Usage ban<br>禁用    | 10 mg/kg                                                                                         | Lower individual limits for all subgroups of PBDE.<br>降低多溴二苯醚 (PBDE) 所有子组别的个别限值。                                                                                                                                                         |

## Monomers 单体

| Name 化学物质名称                  | CAS No. | Sector of Use 适用范围 | Limit Type 限制类型 | Value 阈值  | Comment 备注            |
|------------------------------|---------|--------------------|-----------------|-----------|-----------------------|
| Vinylidene chloride<br>偏二氯乙烯 | 75-35-4 | All<br>全部          | Usage ban<br>禁用 | 100 mg/kg | New substance<br>新增物质 |

## Metals 金属

| Name 化学物质名称                                            | CAS No.    | Sector of Use<br>适用范围 | Limit Type<br>限制类型 | Value 阈值                                    | Comment 备注            |
|--------------------------------------------------------|------------|-----------------------|--------------------|---------------------------------------------|-----------------------|
| <b>Chromium VI, its salts and compounds 六价铬及其盐和化合物</b> |            |                       |                    |                                             |                       |
| Barium chromate; Pigment Yellow 31<br>铬酸钡; 颜料黄 31      | 10294-40-3 | All<br>全部             | Usage ban<br>禁用    | 10 mg/kg<br>group limit<br>10 mg/kg<br>组别限值 | New substance<br>新增物质 |

## Other Chemical Substances 其他化学物质

| Name 化学物质名称                                                                | CAS No.    | Sector of Use<br>适用范围 | Limit Type<br>限制类型 | Value 阈值   | Comment 备注                      |
|----------------------------------------------------------------------------|------------|-----------------------|--------------------|------------|---------------------------------|
| Titanium dioxide<br>二氧化钛                                                   | 13463-67-7 | -                     | -                  | -          | Deleted from BSBL.<br>从 BSBL 移除 |
| Vinylcyclohexene diepoxide<br>乙烯基环己烯二环氧化物                                  | 106-87-6   | All<br>全部             | Usage ban<br>禁用    | 500 mg/kg  | New substance<br>新增物质           |
| 2,4,6-tri-tert-butyl phenol<br>2,4,6-三叔丁基苯酚                                | 732-26-3   | All<br>全部             | Usage ban<br>禁用    | 1000 mg/kg | New substance<br>新增物质           |
| Pentachlorothiophenol<br>五氯硫酚                                              | 133-49-3   | All<br>全部             | Usage ban<br>禁用    | 1000 mg/kg | New substance<br>新增物质           |
| Phenol, isopropylated,<br>phosphate (PIP (3:1))<br>异丙基化苯基磷酸酯<br>(PIP(3:1)) | 68937-41-7 | All<br>全部             | Usage ban<br>禁用    | 1000 mg/kg | New substance<br>新增物质           |
| Nitrobenzene<br>硝基苯                                                        | 98-95-3    | All<br>全部             | Usage ban<br>禁用    | 100 mg/kg  | New substance<br>新增物质           |
| 4-Nitrobiphenyl<br>4-硝基联苯                                                  | 92-93-3    | All<br>全部             | Usage ban<br>禁用    | 150 mg/kg  | New substance<br>新增物质           |
| Glycidyl isopropyl ether<br>异丙基缩水甘油醚                                       | 4016-14-2  | All<br>全部             | Usage ban<br>禁用    | 1000 mg/kg | New substance<br>新增物质           |
| <b>Siloxanes 硅氧烷类</b>                                                      |            |                       |                    |            |                                 |
| Decamethyltetrasiloxane<br>十甲基四硅氧烷                                         | 141-62-8   | All<br>全部             | Usage ban<br>禁用    | 1000 mg/kg | New substance<br>新增物质           |
| Methyltris(trimethylsiloxy)<br>silane<br>甲基三(三甲基硅氧基)硅烷                     | 17928-28-8 | All<br>全部             | Usage ban<br>禁用    | 1000 mg/kg | New substance<br>新增物质           |

## PFAS (Poly- and perfluoroalkyl substances) PFAS (多氟/全氟烷基化合物)

Numerous regulatory actions concerning PFAS have been recently introduced. Based on the developments, we have decided to revise both the structure and limits for the entire group of these chemicals.

The total fluorine content limit of 50 mg/kg remains unchanged valid for all PFAS and includes 3 subgroups: PFAS polymers, PFAS dyes (group limit: 250 ppb), and other PFAS (group limit: 250 ppb). Individual PFAS substances, except for polymers, are additionally subject to a single limit of 25 ppb. Testing recommendation updates are described in the Testing Methods Recommendation Changes at the end of the document. Due to the large number of PFAS substances, it is not feasible to cover them all; therefore, BSBL provides selected examples.

近期已发布多项与 PFAS 相关的监管措施。基于这些发展，我们决定针对整个 PFAS 化学物质的分类结构与限值进行修订。适用于所有 PFAS 的总氟含量限值 50 mg/kg 维持不变，并包含 3 个子组别：PFAS 聚合物、PFAS 染料（组别限值：250 ppb）及其他 PFAS（组别限值：250 ppb）。除聚合物外，个别 PFAS 物质另须符合 25 ppb 的单一限值。测试建议的更新说明请见本文件末尾的测试方法建议修订。由于 PFAS 物质数量庞大，无法逐一列出，因此 BSBL 提供部分代表性示例。

| Name 化学物质名称                                                | CAS No. | Sector of Use 适用范围 | Limit Type 限制类型 | Value 阈值                                                                                              | Comment 备注                                                                                                                                                     |
|------------------------------------------------------------|---------|--------------------|-----------------|-------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>PFAS Polymers</b><br>全氟和多氟烷基物质聚合物<br>(PFAS 聚合物)         | -       | All<br>全部          | Usage ban<br>禁用 | 50 mg/kg<br>(total fluorine)<br>50 mg/kg<br>(总氟)                                                      | Total fluorine limit applies for polymers.<br>New PFAS subgroup introduced. New substances included in the group.<br>总氟限值适用于聚合物。<br>新增 PFAS 子组别。<br>新增物质纳入该组别。 |
| <b>PFAS Dyes</b><br>全氟和多氟烷基物质染料<br>(PFAS 染料)               | -       | All<br>全部          | Usage ban<br>禁用 | 250 µg/kg<br>group limit<br>25 µg/kg<br>individual limit<br><br>250 µg/kg<br>组别限值<br>25 µg/kg<br>个别限值 | New PFAS subgroup introduced. New substances included in the group.<br>新增 PFAS 子组别。<br>新增物质纳入该组别。                                                              |
| <b>PFAS other than dyes and polymers</b><br>除聚合物及染料外的 PFAS | -       | All<br>全部          | Usage ban<br>禁用 | 250 µg/kg<br>group limit<br>25 µg/kg<br>individual limit<br><br>250 µg/kg<br>组别限值<br>25 µg/kg<br>个别限值 | New substances included in the group. Group and individual limit introduced for all members.<br>新增物质纳入该组别。<br>所有成员均适用新增组别限值及个别限值。                              |

## Plasticizers 塑化剂

| Name 化学物质名称                     | CAS No. | Sector of Use<br>适用范围 | Limit Type<br>限制类型 | Value 阈值  | Comment 备注                                                                                                 |
|---------------------------------|---------|-----------------------|--------------------|-----------|------------------------------------------------------------------------------------------------------------|
| Phthalic acid esters<br>邻苯二甲酸酯类 | -       | All<br>全部             | Usage ban<br>禁用    | 250 mg/kg | Individual limit for all members changed from 10 mg/kg to 250 mg/kg.<br>所有成员的个别限值由 10 mg/kg 变更为 250 mg/kg。 |

## Polyaromatic hydrocarbons (PAHs) 多环芳香烃 (PAHs)

| Name 化学物质名称               | CAS No.   | Sector of Use<br>适用范围 | Limit Type<br>限制类型 | Value 阈值                                      | Comment 备注            |
|---------------------------|-----------|-----------------------|--------------------|-----------------------------------------------|-----------------------|
| 5-Methylchrysene<br>5-甲基蒽 | 3697-24-3 | All<br>全部             | Usage ban<br>禁用    | 100 mg/kg<br>group limit<br>100 mg/kg<br>组别限值 | New substance<br>新增物质 |

## Solvents 有机溶剂

| Name 化学物质名称                                                              | CAS No.  | Sector of Use<br>适用范围 | Limit Type<br>限制类型 | Value 阈值   | Comment 备注            |
|--------------------------------------------------------------------------|----------|-----------------------|--------------------|------------|-----------------------|
| 1,3-Dimethyl-2-imidazolidinone (DMI, DMEU)<br>1,3-二甲基-2-咪唑烷酮 (DMI, DMEU) | 80-73-9  | All<br>全部             | Usage ban<br>禁用    | 100 mg/kg  | New substance<br>新增物质 |
| N-hexane<br>正己烷                                                          | 110-54-3 | All<br>全部             | Usage ban<br>禁用    | 1000 mg/kg | New substance<br>新增物质 |

## Tin-organic Compounds 有机锡化合物

| Name 化学物质名称                                     | CAS No.    | Sector of Use<br>适用范围 | Limit Type<br>限制类型 | Value 阈值                                  | Comment 备注            |
|-------------------------------------------------|------------|-----------------------|--------------------|-------------------------------------------|-----------------------|
| <b>Dibutyltin compounds (DBT) 二丁基锡化合物 (DBT)</b> |            |                       |                    |                                           |                       |
| Dibutyltin hydrogen borate<br>氢硼酸二丁基锡           | 75113-37-0 | All<br>全部             | Usage ban<br>禁用    | 5 mg/kg<br>group limit<br>5 mg/kg<br>组别限值 | New substance<br>新增物质 |

**Substances with usage restrictions but no consumer safety limits 限用但没有消费者安全限值的化学物质**

| Name 化学物质名称                                                     | CAS No.    | Sector of Use<br>适用范围 | Limit Type<br>限制类型 | Value 阈值   | Comment 备注                                                                                                                                                                                                                                                                                      |
|-----------------------------------------------------------------|------------|-----------------------|--------------------|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Potassium permanganate<br>高锰酸钾                                  | 7722-64-7  | All<br>全部             | Usage ban<br>禁用    | 1000 mg/kg | Change of comment:<br>Transitional on-site use for denim finishing is allowed, provided that a documented phase-out plan with a defined end date is available.<br>备注变更:<br>允许在现场过渡性使用于牛仔布后整理, 惟须备有载明明确结束日期的淘汰计划文件。                                                                              |
| Hypochlorite/ Chlorine 次氯酸盐/氯                                   |            |                       |                    |            | Change of comment:<br>On-site use is allowed for denim bleaching/finishing, linen bleaching, fresh water purification, anti-felt treatment of wool, machine cleaning, wastewater decolorization, and color stripping/repair.<br>备注变更:<br>允许现场使用于牛仔布漂白/后整理、亚麻漂白、淡水净化、羊毛防毡缩处理、机台清洁、废水脱色以及颜色剥除/修补。 |
| Calcium hypochlorite<br>次氯酸钙                                    | 7778-54-3  | All<br>全部             | Usage ban<br>禁用    | 100 mg/kg  |                                                                                                                                                                                                                                                                                                 |
| Sodium hypochlorite<br>次氯酸钠                                     | 7681-52-9  | All<br>全部             | Usage ban<br>禁用    | 100 mg/kg  |                                                                                                                                                                                                                                                                                                 |
| Chlorine<br>氯                                                   | 7782-50-5  | All<br>全部             | Usage ban<br>禁用    | 100 mg/kg  |                                                                                                                                                                                                                                                                                                 |
| Sodium chlorite<br>亚氯酸钠                                         | 7758-19-2  | All<br>全部             | Usage ban<br>禁用    | 100 mg/kg  |                                                                                                                                                                                                                                                                                                 |
| EDTA/DTPA and its salts EDTA/DTPA 及其盐                           |            |                       |                    |            |                                                                                                                                                                                                                                                                                                 |
| Edetic acid<br>乙二胺四乙酸                                           | 60-00-4    | All<br>全部             | Monitoring<br>监控   | 1000 mg/kg | Use as a water softener in freshwater and in process water preparation is prohibited. For all other uses, emissions must be minimized.<br>Use is permitted for the softening of boiler feed water.<br>禁止用作淡水及制程用水软化剂。其他用途则应尽量减少排放。允许用于锅炉给水的软化。                                                  |
| Crystalline silica - In respirable particle size 结晶二氧化硅 - 可吸入粒径 |            |                       |                    |            |                                                                                                                                                                                                                                                                                                 |
| Cristobalite<br>方石英                                             | 14464-46-1 | -                     | -                  | -          | Deleted from BSBL.<br>从 BSBL 移除。                                                                                                                                                                                                                                                                |
| Quartz<br>石英                                                    | 14808-60-7 | -                     | -                  | -          |                                                                                                                                                                                                                                                                                                 |
| Tridymite<br>鳞石英                                                | 15468-32-3 | -                     | -                  | -          |                                                                                                                                                                                                                                                                                                 |

## Testing Method Recommendation Changes 建议测试方法变更

| Name 化学物质名称                                               | CAS No.    | Old testing Recommendation<br>原测试建议                                                                     | New testing Recommendation<br>新测试建议                                                                                                                                                                      | Sector of use<br>适用范围  |
|-----------------------------------------------------------|------------|---------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| PFAS – total fluorine<br>PFAS – 总氟                        | -          | EN 14582<br>ASTM D7359                                                                                  | EN ISO 20999 (2026)<br>ASTM D7359<br>EN 17813 (2023)                                                                                                                                                     | All<br>全部              |
| PFAS other than<br>polymers and dyes<br>除聚合物及染料外之<br>PFAS | -          | EN 17681-1 (2025)                                                                                       | EN ISO 23702-1:2023 using THF<br>extraction followed by methanol<br>precipitation (1:1)<br>EN ISO 23702-1:2023 四氢呋喃萃<br>取接着甲醛沉淀 (1:1)                                                                    | Polymer parts<br>聚合物部件 |
| Benzyl chloride<br>苄基氯                                    | 100-44-7   | GC-MS // with confirmatory LC-<br>MS in the event of a positive<br>detection<br>GC-MS // 如有检出以 LC-MS 确认 | With reference to EN 17137<br>(2024) with GC-MS confirmation<br>at low injection temperature<br>and/or LC-DAD confirmation.<br>参考 EN 17137 (2024) 以 GC-MS<br>在低温度注入和/或 LC-DAD 确认                         | All<br>全部              |
| Chlorinated benzenes<br>and toluenes<br>氯化苯和氯化甲苯          | -          | EN 17137 (2024)                                                                                         | With reference to EN 17137<br>(2024) with GC-MS confirmation<br>at low injection temperature.<br>参考 EN 17137 (2024) 以 GC-MS<br>在低温度注入确认                                                                  | All<br>全部              |
| Ethylene oxide<br>环氧乙烷                                    | 75-21-8    | 顶空进样 GC-FID // 参考<br>CEN/TS 13130-22 (2005)                                                             | 顶空进样 GC-FID/ GC-MS // 参考<br>CEN/TS 13130-22 (2005)                                                                                                                                                       | All<br>全部              |
| Polychlorinated<br>Biphenyls<br>多氯联苯                      | 1336-36-3  | GC-MS //参考 ISO/TR 17881-3<br>(2018)                                                                     | ISO 787-28:2019                                                                                                                                                                                          | All<br>全部              |
| Polychlorinated<br>Terphenyls<br>多氯三联苯                    | 61788-33-8 | GC-MS //参考 ISO/TR 17881-3<br>(2018)                                                                     | GC-MS // Solvent Extraction<br>GC-MS // 溶剂萃取                                                                                                                                                             | All<br>全部              |
| Polychlorinated<br>Naphthalenes<br>多氯萘                    | -          | GC-MS // 参考 ISO/TR 17881-3<br>(2018)                                                                    | GC-MS // Solvent Extraction<br>GC-MS // 溶剂萃取                                                                                                                                                             | All<br>全部              |
| Isoquinoline<br>异喹啉                                       | 119-65-3   | LC-MS/MS<br>LC-DAD                                                                                      | LC-MS/MS<br>LC-MS<br>LC-DAD<br>DIN 54231:2022<br>In case of interferences<br>confirmation is required by LC-<br>MS or LC-MS/MS<br>如有干扰需以 LC-MS 或 LC-<br>MS/MS 确认                                         | All<br>全部              |
| Quinoline<br>喹啉                                           | 91-22-5    |                                                                                                         |                                                                                                                                                                                                          |                        |
| Borate, zinc salt<br>硼酸锌盐                                 | 1332-07-6  | DIN EN 16711-1:2016 (ICP-OES)                                                                           | ICP-OES // Indirect testing via<br>Boron (DL 100 mg/kg)<br>ICP-MS // Indirect testing via<br>Boron (DL 100 mg/kg)<br><br>ICP-OES // 通过硼的间接法<br>(检出限: 100 mg/kg)<br>ICP-MS // 通过硼的间接法<br>(检出限: 100 mg/kg) | All<br>全部              |

| Name 化学物质名称                                   | CAS No.                          | Old testing Recommendation<br>原测试建议                                                                                                                            | New testing Recommendation<br>新测试建议                                                                                                                                                | Sector of use<br>适用范围 |
|-----------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| Hydrazine, its salts and hydrates<br>肼及其盐和水合物 | -                                | GC-MS                                                                                                                                                          | GC-MS<br>DIN 38413-1<br>ASTM D1385-07<br>LC-DAD//Solvent extraction and derivatization 溶剂萃取和衍生法                                                                                    | All<br>全部             |
| Siloxanes 硅氧烷:<br>D4<br>D5<br>D6              | 556-67-2<br>541-02-6<br>540-97-6 | TEGEWA 方法 (2021)                                                                                                                                               | TEGEWA 方法 (2021)<br>ISO 23649 (2025)                                                                                                                                               | All<br>全部             |
| Glycols<br>乙二醇                                | -                                | LC-MS                                                                                                                                                          | LC-MS<br>GC-MS                                                                                                                                                                     | All<br>全部             |
| Pyrrhione zinc<br>吡啶硫酮锌                       | 13463-41-7                       | ICP // with reference to 参考<br>DIN EN 16711-1 (2016)<br><br>AAS // with reference to 参考<br>DIN EN 16711-1 (2016)<br><br>Confirmation method 确认方法:<br>CE/ICP-MS | ICP // with reference to 参考<br>DIN EN 16711-1 (2016)<br><br>AAS // with reference to 参考<br>DIN EN 16711-1 (2016)<br><br>Confirmation method 确认方法:<br>HPLC-DAD or LC-MS or LC-MS/MS | All<br>全部             |