



中华人民共和国国家标准

GB/T 27853—2011

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化学品 水-沉积物系统中好氧 厌氧转化试验

Chemicals—Aerobic and anaerobic transformation
in aquatic sediment systems test

中华人民共和国
国家标准
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厌氧转化试验
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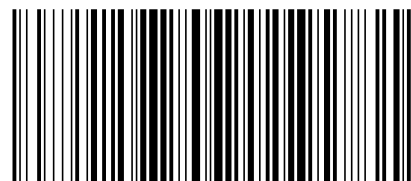
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前 言

本标准按照 GB/T 1.1—2009 给出的规则起草。

本标准与经济合作与发展组织(OECD)化学品测试导则 No. 308(2002年)《水-沉积物系统中好氧和厌氧转化》(英文版)的技术内容相同。

本标准做了下列结构和编辑性修改:

- 将计量单位改为我国法定计量单位;
- 为与现有标准系列一致,将标准名称改为《化学品 水-沉积物系统中好氧厌氧转化试验》;
- 删除原 OECD No. 308(2002年)引言的资料性部分;
- 原文“受试物资料”部分对六个理化指标给出了参考的测试方法。其中五个指标的八个测试方法有对应的我国国家标准:GB/T 21845《化学品 水溶解度试验》、GB/T 21851《化学品 批平衡法检测 吸附/解吸附试验》、GB/T 21852《化学品 分配系数(正辛醇-水) 高效液相色谱法试验》、GB/T 21853《化学品 分配系数(正辛醇-水) 摇瓶法试验》、GB/T 21855《化学品 与 pH 有关的水解作用试验》、GB/T 22052《用液体蒸汽压力计测定液体的蒸汽压力和温度关系及初始分解温度的方法》、GB/T 22228《工业用化学品 固体及液体的蒸汽压在 10⁻¹ Pa 至 10⁵ Pa 范围内的测定 静态法》、GB/T 22229《工业用化学品 固体及液体的蒸汽压在 10⁻³ Pa 至 1 Pa 范围内的测定 蒸汽压平衡法》。这八个我国标准与 OECD 化学品测试导则 No. 104《蒸汽压》、OECD 化学品测试导则 No. 112《水中解离常数》一起作为本标准的规范性引用文件。

本标准由全国危险化学品管理标准化技术委员会(SAC/TC 251)提出并归口。

本标准起草单位:环境保护部化学品登记中心、环境保护部南京环境科学研究所、上海市检测中心、上海市环境科学研究院、沈阳化工研究院安全评价中心、中国化工经济技术发展中心。

本标准主要起草人:刘纯新、杨力、周红、石利利、刘济宁、殷浩文、杨婧、黄星、朱江、王晓兵。