



中国计量科学研究院 水质石油类紫外分光光度分析用 标准物质

NATIONAL INSTITUTE OF METROLOGY, CHINA
CERTIFIED REFERENCE MATERIAL (CRM) —
PETROLEUM-UV METHOD FOR WATER QUALITY ANALYSIS

专业

Professional

创新

Innovative

准确

Accurate

可靠

Reliable

水质石油类紫外分光光度分析用标准物质

Certified Reference Materials of Petroleum-UV Method for Water Quality Analysis

本系列标准物质主要用水中石油类（紫外分光光度法）测试仪器的校准的标准物质，服务于HJ 970《水质 石油类的测定 紫外分光光度法（试行）》标准，保证紫外分光光度法分析水质石油类物质过程中量值传递的一致性。

在应用方面，相关标准物质与团队制定的紫外测油仪计量技术规范、标准形成配套，可有效支撑紫外测油仪的校准与分析测试，支持ISO17025、ISO17034、ISO15189实验室认可的顺利开展。

技术负责人联系方式：刘喆，010-64525342，liuzhe@nim.ac.cn

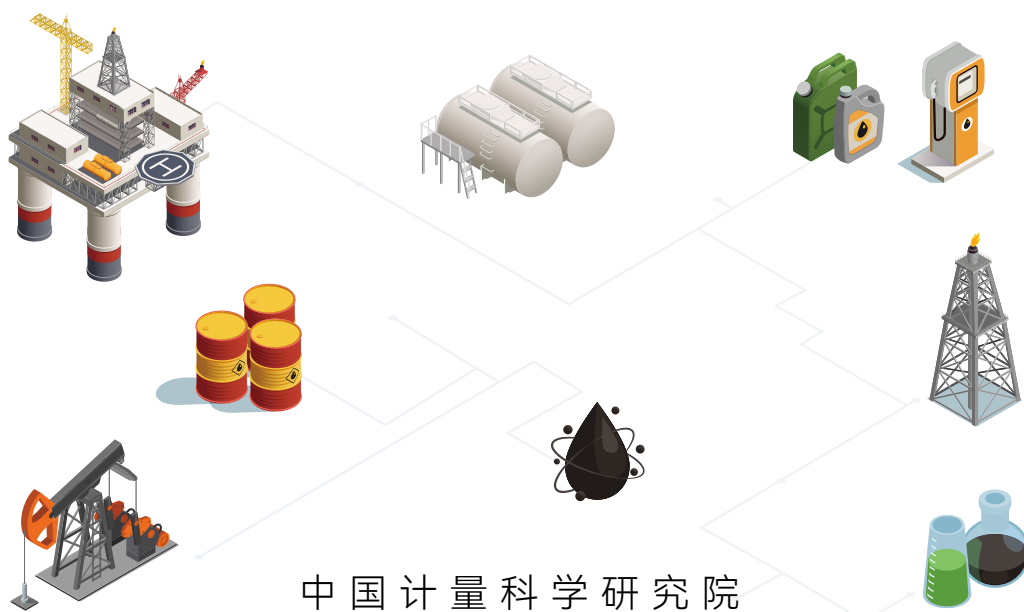
These CRMs are intended for the calibration of the test instrument for petroleum in water (ultraviolet spectrophotometry), which serves the standard of HJ 970 "Ultraviolet Spectrophotometry Method for the Determination of Petroleum in Water Quality (Trial)" and ensures the consistency of the quantity value transmission during the analysis of petroleum substances in water quality by ultraviolet spectrophotometry.

In terms of application, the related CRMs are complementary to the metrology technical specifications and standards formulated by the team for the ultraviolet oil content analyzer. They can effectively support the calibration and analytical testing of the ultraviolet oil content analyzer, facilitating the smooth implementation of laboratory accreditation in accordance with ISO 17025, ISO 17034, and ISO 15189.

Technical advice contact: LIU Zhe, 010-64525342, liuzhe@nim.ac.cn



序号 No.	名称 Description	名称 Description	标准物质编号 Code	量值 Certified Values	规格 Unit of Issue
1	水质石油类紫外分光光度分析用 标准物质	Certified Reference Materials of Petroleum-UV Method for Water Quality Analysis	GBW(E)084431	(3.8±1.0) mg/L	6mL
2	水质石油类紫外分光光度分析用 标准物质	Certified Reference Materials of Petroleum-UV Method for Water Quality Analysis	GBW(E)084432	(10.6±1.2) mg/L	6mL
3	水质石油类紫外分光光度分析用 标准物质	Certified Reference Materials of Petroleum-UV Method for Water Quality Analysis	GBW(E)084433	(15.4±1.2) mg/L	6mL
4	水质石油类紫外分光光度分析用 标准物质	Certified Reference Materials of Petroleum-UV Method for Water Quality Analysis	GBW(E)084434	(20.8±1.5) mg/L	6mL
5	水质石油类紫外分光光度分析用 标准物质	Certified Reference Materials of Petroleum-UV Method for Water Quality Analysis	GBW(E)084435	(30.8±1.7) mg/L	6mL
6	水质石油类紫外分光光度分析用 标准物质	Certified Reference Materials of Petroleum-UV Method for Water Quality Analysis	GBW(E)084436	(40.4±2.1) mg/L	6mL
7	水质石油类紫外分光光度分析用 标准物质	Certified Reference Materials of Petroleum-UV Method for Water Quality Analysis	GBW(E)084437	(50.4±2.3) mg/L	6mL
8	水质石油类紫外分光光度分析用 标准物质	Certified Reference Materials of Petroleum-UV Method for Water Quality Analysis	GBW(E)084438	(60.8±2.9) mg/L	6mL
9	水质石油类紫外分光光度分析用 标准物质	Certified Reference Materials of Petroleum-UV Method for Water Quality Analysis	GBW(E)084439	(80.4±3.1) mg/L	6mL
10	水质石油类紫外分光光度分析用 标准物质	Certified Reference Materials of Petroleum-UV Method for Water Quality Analysis	GBW(E)084440	(100±3.0) mg/L	6mL
11	水质石油类紫外分光光度分析用 标准物质	Certified Reference Materials of Petroleum-UV Method for Water Quality Analysis	GBW(E)084441	(1000±20) mg/L	6mL



中国计量科学研究院
水质石油类紫外分光光度分析用标准物质

NATIONAL INSTITUTE OF METROLOGY, CHINA
CERTIFIED REFERENCE MATERIAL (CRM) —
PETROLEUM-UV METHOD FOR WATER QUALITY ANALYSIS

