



深圳中电计量测试技术有限公司

Shenzhen Zhongdian Metrology and Testing Technology Co., Ltd

校准证书

CALIBRATION CERTIFICATE



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证书编号

Certificate No.

ZD202205170075

委托方

Client

重庆阳正环保科技股份有限公司

委托方地址

Address

重庆市渝中区经纬大道780号1幢3-7

仪器名称

Description

溶解氧监测仪 (DO仪)

型号规格

Model/Type

MIK-DM2800

制造厂

Manufacturer

杭州美控

出厂编号

Serial No.

/

管理编号

Asset No.

03

样品接收日期

Date of Receipt

2022-05-17

校准日期

Date of Calibration

2022-05-17

批准人 :

Approved Signator

王小云

审核 :

Inspected by

巢弘

校准 :

Tested by

杜峰



地址 : 广东省深圳市宝安区福永街道白石厦社区东区新开发区4栋301

Add : Room 301, Building 4, New Development Area, East Zone, Baishixia Community, Fuyong Su District, Bao'an District, Shenzhen, Guangdong, China

电话 (Tel) : 0755-29888158

邮政编码 (Post Code) : 518103

传真 (Fax) : 0755-29796107



校准说明

DIRECTIONS OF CALIBRATION

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1. 本实验室出具的数据均可溯源至国家计量基准。
(All data issued by ZD Test are traced to National Primary Standards.)
2. 本结果仅对当次被测样品有效, 如有疑问请在15个工作日反馈。
(The results is ONLY valid for the tested sample, please feedback to us within 15 working days if you have any question.)
3. 本证书编号具有唯一性, 若替换证书, 自发出后原证书即可作废。
(Each certificate has a unique number. If replaced the certificate, the original certificate will be invalid once the new certificate number is issued.)
4. 证书中如有最大允许误差、判定结果, 仅供参考, 其中 "P" 代表 "Pass", "F" 代表 "Fail"。
(In the datasheet, MPE & determination is only for reference, "P" represents "Pass" and "F" represents "Fail".)
5. 本次校准的技术依据及获认可的能力范围, 超出范围的内容未被认可。
(Reference documents and Accredited Scopes for Calibration, Beyond the Scope has not been accredited.):

参照JJG291-2018《溶解氧测定仪规程》

6. 本次校准使用的主要测量标准 (Main Standards of Measurement Used in the Calibration.):

名称/型号 Description/Model	编号 Serial No.	证书号 Certificate No.	有效期至 Due Date	技术特征 Technique Character
溶解氧测定仪专用测试槽		CGEL2018120809	2022-05-18	/
二等标准水银温度计	2-70	215511200	2023-06-25	$U_{rel}=0.03^{\circ}\text{C}$, $k=2$

7. 校准地点、环境条件 (Place and environmental conditions of the calibration)

地点 Place	本公司实验室	温度 Temperature	20 °C	相对湿度 Relative Humidity	50 %
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8. 建议复校时间间隔: 12 个月, 送检单位可根据实际情况自主决定。
Suggested calibration interval is 12 month or it can be altered depending on the actual usage of the use



校准结果

Result of Calibration

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1、外观以及一般性检查: 正常

In view of External & Generality check: Normal

项目 (Project)	实测 (Measured)	技术要求 (Technical requirement)	结论 (Conclusion) (Pass/Fail)
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2、仪器零点误差: Zero Error:	0.02 mg/L	$\leq 0.10\text{mg/L}$	P
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3、仪器重复性: Repeatability:	0.08 mg/L	$\leq 0.15\text{mg/L}$	P
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4、仪器示值误差: Instrument indication error:	-0.34 mg/L	$\pm 0.50\text{mg/L}$	P
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备注:

Notes:

1.本次测量结果扩展不确定度(Expanded uncertainty of the measurement results)

$$U_{\text{rel}}=0.8\% (k=2)$$

2.依据(Reference document)

JJF 1059.1-2012 测量不确定度评定与表示

(JJF 1059.1-2012 Evaluation and Expression of Uncertainty in Measurement)

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