

ISO 9001 Certified

2100Q

## Certificate of Final Inspection



Be Right™

<b>Part No.</b> <b>Serial No.</b>	Gerätenummer, n°d'appareil Seriennummer, numéro de série	LPG439.01.00002 19080C078641
<b>General Function</b>	Allgemeine Funktion, fonction générale :	
<b>Function Keys</b>	Funktionstasten, touches de cuves:	ok
<b>Interface</b>	Schnittstelle, interface:	ok
<b>Battery Operation</b>	Batterie-Betrieb, opérationell sur batterie:	ok
<b>Display</b>	Anzeigeelement, écran:	ok
<b>Lid Detection</b>	Deckelerkennung, reconnaissance de couvercle:	ok
<b>Factory Calibration</b>	Werkskalibrierung, Etalonnage d'usine:	
<b>Calibration Curve</b> <b>StabiCal (0 - 1000 NTU)</b> <b>20 NTU, 100 NTU and 800 NTU</b>	Kalibrierung, Courbe d'étalonnage StabiCal (0 - 1000 FNU), StabiCal (0 - 1000 FNU) 20 FNU, 100 FNU und 800 FNU, 20 FNU, 100 FNU et 800 FNU	ok
<b>Turbidity Data</b>	Trübungswerte, data turbidité:	
<b>H<sub>2</sub>O</b>	H <sub>2</sub> O, H <sub>2</sub> O:	
<b>Reference Instrument</b>	Referenzgerät, instrument de référence:	0.04 NTU
<b>Tolerance</b>	Toleranz, tolérance:	< 0.1 NTU
<b>E.U.T</b>	Prüfung, objet d'essai:	0.07 NTU
<b>Verification Standard 10 NTU</b>	Prüfstandard 10 FNU, Etalon de vérification 10 FNU:	
<b>Reference Instrument</b>	Referenzgerät, instrument de référence:	10.0 NTU
<b>Tolerance</b>	Toleranz, tolérance:	± 5 %
<b>E.U.T</b>	Prüfung, objet d'essai:	10.0 NTU
<b>Date</b>	Datum, date:	Aug 22, 2019
<b>Inspector</b>	Bearbeiter, opérateur:	Duan li hui
<b>Sign</b>	Unterschrift, signature :	DuanLi hui

Please add this certificate to your documents.

Bitte verwahren Sie dieses Zertifikat bei Ihren Unterlagen auf.

S'il vous plaît, conservez scrupuleusement ce certificat dans vos archives.

EU-Konformitätserklärung / UE-Declaración de conformidad / UE- Déclaration de Conformité / UE-Dichiarazione di Conformità

Manufacturer/Hersteller/Fabricante/Fabricant/Produttore:

HACH Company | 5600 Lindbergh Drive | PO Box 389 | Loveland, Colorado 80539 USA | P 970.669.3050 | www.hach.com

Part Number/Artikelnummer/ Número de artículo/Número article/Codice articolo:	Model/Modell/ Modelo/Modèle/Modello:	Designation/Beschreibung/ Designación/Désignation/Denominazione:
LPG439.xx.xxx02	2100Q Turbidimeter (EPA)	Portable Turbidimeter
LPG439.xx.xxx12	2100Q is Turbidimeter	
Including optional accessories /inklusive optionales Zubehör/ Incluyendo accesorios opcionales / Incluant les accessoires optionnels / Compresi gli accessori opzionali:		*) Module, power (LZV804) Module, USB OTG & power (LZV813) Module, USB OTG w/o power (LZV949) Power Supply (LZV803)

The product complies with the essential requirements of the following Directive(s) / Das bezeichnete Produkt entspricht den wesentlichen Anforderungen der nachfolgend bezeichneten Richtlinie(n) / El producto es conforme con los requisitos esenciales de la (s) siguientes Directiva (s) / Le produit est conforme aux exigences essentielles de la (des) Directive(s) suivante(s) / Il prodotto è conforme ai requisiti essenziali della seguente Direttiva (e).

2011/65/EU	RoHS Directive
2014/30/EU	EMC Directive

The following harmonized standards were used to meet the requirements of the stated Directive(s) / Die folgende(n) harmonisierte(n) Norm(en) wurde(n) zur Einhaltung der Anforderungen der genannten Richtlinie(n) angewendet / Para cumplir los requisitos de las directivas mencionadas se han aplicado las siguientes normas armonizadas / Les normes harmonisées suivantes ont été utilisées pour satisfaire aux exigences de la (des) Directive(s) mentionnée(s) / Le seguenti norme armonizzate sono state usate per soddisfare i requisiti della Direttiva (e) indicate.

EN 50581: 2012	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances
EN 61326-1: 2013	Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 1: General requirements

In addition the following standards have been applied in the development of the product / Darüber hinaus wurde(n) folgende(n) Norm(en) bei der Entwicklung des Produktes angewendet / Además durante el desarrollo del producto, se han aplicado las siguientes normas / En complément, les normes suivantes ont été utilisées pour le développement du produit / Inoltre, sono stati applicati i seguenti Standard nello sviluppo del prodotto.

EN 61010-1: 2010	Safety requirements for electrical equipment - General requirements
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\*) See separate Declaration of Conformity of the optional accessories / Siehe separate Konformitätserklärung für das optionale Zubehör / Ver la Declaración de Conformidad para los accesorios opcionales / Voir déclaration de conformité des accessoires optionnels / Vedi dichiarazione di conformità separata delle accessori opzionali.

This statement applies to all versions of the named product, which are prepared by the necessary technical documentation / Diese Erklärung gilt für alle Ausführungen des genannten Produktes, die nach der erforderlichen technischen Dokumentation hergestellt werden / Esta declaración se aplica a todas las versiones del producto designado, que son preparadas por la documentación técnica necesaria / Cette déclaration s'applique à toutes les versions du produit mentionné / Questa dichiarazione si applica a tutte le versioni del prodotto indicato, che sono stati preparati dalla documentazione tecnica necessaria.

Year of primary CE marking of the product / Jahr der ersten CE Kennzeichnung des Produktes / Año de la primera marca CE del producto / Année du premier marquage CE du produit / Anno del primo prodotto CE: **2010**

Loveland, CO USA – 2018-03-20

*Merle Atwood*

Director of Global Compliance - Merle Atwood

**Dieses Informationsblatt enthält Angaben, die ausschließlich für den Export dieses Gerätes in die Volksrepublik China erforderlich sind.**

**This document contains information which is only required for the export of this instrument into the People's Republic of China.**

**Ce document contient les informations nécessaires pour l'exportation d'instruments vers la République Populaire de Chine.**

本手册只包含出口到中华人民共和国的仪器的必要信息。

**P/N: LPG439.xx.xxxxx**

**Model: 2100Q / 2100QIS**

部件名称 (Parts)	有毒有害物质或元素 (Hazardous Substance)					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr <sup>6+</sup> )	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
印刷电路板组件 Printed Circuit Board Assembly	×	○	○	○	○	○
灯 / 光源 Lamps/Light Sources	×	○	○	○	○	○

○: 表示该项目中涉及的所有物料, 其包含的有害物质的含量低于 GB/T 26572-2011. 标准的限制要求 (indicates that the content of the toxic and hazardous substance in all the Homogeneous Materials of the part is below the concentration limit requirement as described in GB/T 26572-2011).

×: 表示该项目中涉及的所有物料中至少有一种, 其包含的有害物质的含量高于 GB/T 26572-2011. 标准的限制要求 (indicates that the content of the toxic and hazardous substance in at least one Homogeneous Material of the part exceeds the concentration limit requirement as described in GB/T 26572-2011)

对销售之日的所售产品, 本表显示, 朗讯供应链的电子产品信息产品可能包含这些物质。注意: 在所售产品中可能会也可能不会含有所有所列的部件  
This table shows where these substances may be found in the supply chain of "Company" electronic information products, as of the date of sale of the enclosed product. Note that some of the component types listed above may or may not be a part of the enclosed product.

除非另外特别的标注, 此标志为针对所涉及产品的环保使用期标志. 某些可更换的零部件会有一个不同的环保使用期 (例如, 电池单元模块) 贴在其产品上.

此环保使用期限只适用于产品是在产品手册中所规定的条件下工作.

The Environmentally Friendly Use Period (EFUP) for all enclosed products and their parts are per the symbol shown here, unless otherwise marked. Certain field-replaceable parts have a different EFUP (for example, battery modules) and so are marked to reflect such. The Environmentally Friendly Use Period is valid only when the product is operated under the conditions defined in the product manual.



HDQ949 Rev. 02

**EUROPE:**

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# Supplier Declaration of Conformity Compliance Information Statement

Part Number:	Model:	Designation:
LPG439.xx.xxx02	2100Q Turbidimeter (EPA)	Portable Turbidimeter
LPG439.xx.xxx12	2100Q is Turbidimeter	

x = configurations are not FCC relevant

## APPLICABLE COMPLIANCE STATEMENTS:

per §15.19(a)(3)

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation

## Test Report Information:

Hach Lange GmbH – Test Report No. 2015030901; 2016012801

Eurofins – Test Report No. G0M20908-2525-E-17; G0M20908-2526-E-17; G0M21002-2912-E-17

## RESPONSIBLE PARTY (IN USA):

IMPORTER - HACH COMPANY

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