

# ROMANIAN ACCREDITATION ASSOCIATION – RENAR

Bucharest, Calea Vitan no. 242, sector 3, zip code 031301  
CIF RO 4311980



*RENAR is EA-MLA signatory for Testing.*

## ACCREDITATION CERTIFICATE No. LI 1282

Romanian Accreditation Association – RENAR, being recognized as National Accreditation Body by OG 23/2009, herewith attests that the organization:

### HANNA INSTRUMENTS SRL

Nușfalău, Hanna street, Sălaj county

through

**Chemical Laboratory QC**

fulfills the requirements of **SR EN ISO/IEC 17025:2018** and is competent to carry on **TESTING** activities, as it is detailed in the Annex of the present accreditation certificate.

This accreditation is maintained provided that the accreditation criteria established by the Romanian Accreditation Association – RENAR are met continuously.

The present certificate includes Annex no. 1/21.10.2024 (1 page), which is an integrated part of this certificate.

The accreditation certificate is an essential accreditation document, which might be periodically revised and issued by RENAR. The most recent version of the accreditation certificate is available on the website of RENAR, [www.renar.ro](http://www.renar.ro).

Date of initial accreditation: 08.12.2023

Updated on: 21.10.2024

The accreditation is valid until: 07.12.2027

**GENERAL DIRECTOR**

Alina Elena TAINA



**PRESIDENT OF THE  
ACCREDITATION COUNCIL**

PhD. Eng. Dumitru DINU

The translation of this certificate was issued today, 14.11.2024.

The accreditation certificate does not exempt CABs from the obligation to obtain all approvals and authorizations required for its operation in accordance with the law.

Partial reproduction of this certificate is forbidden.

**Annex no. 1 to Accreditation Certificate no. LI 1282**  
**Annex no. 1 Issue Date: 21.10.2024**

**HANNA INSTRUMENTS SRL**

Through **Chemical Laboratory QC**

**Nușfalău, Hanna street, Sălaj county**

**Tests performed in permanent sites**

No.	Activity area / Measurement technique / Name of the test	Material / product / test object	Reference document
<b>Electrochemical methods</b>			
1.	Determination of pH	Drinking water, bathing water, surface water, groundwater, waste water Aqueous solutions, pH standard buffer solutions	ASTM D1293-18 PT-01_rev.1.5  DIN 19268:2021 PT-08_rev.1.1
2.	Determination of electrical conductivity	Drinking water, surface water Aqueous solutions	ASTM D1125-23 PT-02_rev.1.5
<b>Nephelometric methods</b>			
3.	Determination of turbidity	Drinking water, surface water, waste water Aqueous solutions	SR EN ISO 7027-1:2016 ISO 7027-1:2016 PT-03-2_rev.1.3 EPA METHOD 180.1- 1993 PT-03-1_rev.1.3
<b>Spectrophotometric methods</b>			
4.	Determination of free chlorine	Drinking water, surface water, waste water Aqueous solutions	EN ISO 7393-2:2018 PT-04_rev.1.3
5.	Determination of total chlorine	Drinking water, surface water, waste water Aqueous solutions	EN ISO 7393-2:2018 PT-04_rev.1.3
6.	Determination of chemical oxygen demand (COD)	Waste water Aqueous solutions	EPA Method 410.4:1993 PT-05_rev.1.3 ISO 15705:2002 SR ISO 15705:2022 PT-06_rev.1.1.
7.	Determination of ammonium nitrogen	Waste water, drinking water, surface water, groundwater, pool water	ISO 23695:2023 PT-07_rev.1.1

*End of document*

**GENERAL DIRECTOR**  
**Alina Elena TAINĂ**

