

**ZAKRES AKREDYTACJI
LABORATORIUM BADAWCZEGO
SCOPE OF ACCREDITATION FOR TESTING LABORATORY
Nr/No. AB 1799**

wydany przez / issued by
POLSKIE CENTRUM AKREDYTACJI
01-382 Warszawa, ul. Szczotkarska 42

Wydanie/Issue 8 z/of 05.05.2025

 AB 1799	Nazwa i adres / Name and address OMEGALAB Spółka z ograniczoną odpowiedzialnością OMEGALAB Limited Liability Company ul. Gośniewska 46, 05-660 Warka
Kod identyfikacyjny / Identification code ^{*)}	Dziedzina i przedmiot badań / Field of testing and item:
- C/1, C/22 - C/29/P, C/30/P - C/28 - N/29/P, N/30/P - N/28	- Badania chemiczne produktów rolnych, żywności/ Chemical tests of agricultural products, food - <i>Badania chemiczne i pobieranie próbek wody do spożycia przez ludzi, ścieków/ Chemical tests and sampling of drinking water, sewage</i> - <i>Badania chemiczne wody/ Chemical tests of water</i> - <i>Badania właściwości fizycznych i pobieranie próbek wody do spożycia przez ludzi, ścieków/ Tests of physical properties and sampling of drinking water, sewage</i> - <i>Badania właściwości fizycznych wody/ Tests of physical properties of water</i>

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^{*)} Kod identyfikacyjny zgodnie z załącznikiem do dokumentu DAB-07 dostępnym na stronie internetowej www.pca.gov.pl /
The identification code according to the Annex to document DAB-07, available at PCA website www.pca.gov.pl

**FOOD TESTING AND CERTIFICATION
ACCREDITATION DEPARTMENT
MANAGER**

HANNA TUGI

Niniejszy dokument jest załącznikiem do Certyfikatu Akredytacji Nr AB 1799 z dnia 01.03.2024 r.
Cykl akredytacji od 17.09.2021 r. do 16.09.2025 r.

Status akredytacji oraz aktualność zakresu akredytacji można potwierdzić na stronie internetowej PCA www.pca.gov.pl

This document is an annex to accreditation certificate No. AB 1799 of 01.03.2024
Accreditation cycle from 17.09.2021 to 16.09.2025

The status of accreditation and validity of the scope of accreditation can be confirmed at PCA website www.pca.gov.pl

OMEGALAB limited liability company ul. Puławska 39, 05-660 Warka (Technical activity)		
Test subject/product	Type of operations/characteristics being tested/method	Reference documents
Flexible scope ^{1), 2), 3)}		
Food ¹⁾ Agricultural products ¹⁾	Content of residues of plant protection products ^{2) 3)} Liquid chromatography method with tandem mass spectrometry detection (LC-MS/MS)	Standards ⁴⁾ Laboratory procedures ⁵⁾
Food ¹⁾ Agricultural products ¹⁾	Content of residues of plant protection products ^{2) 3)} Gas chromatography method with tandem mass spectrometry detection (GC-MS/MS)	Standards ⁴⁾ Laboratory procedures ⁵⁾
Food ¹⁾ Agricultural products ¹⁾	Dithiocarbamate content ^{2) 3)} Gas chromatography method with tandem mass spectrometry detection (GC-MS/MS)	Laboratory procedures ⁵⁾

Limits of flexibility:

- ¹⁾ Adding a test subject within the test subject group
- ²⁾ Adding a tested characteristic within the test subject and testing technique
- ³⁾ Changing the measurement range of the test method
- ⁴⁾ Using updated standardized methods described in the standards
- ⁵⁾ Using updated methods described in procedures developed by the laboratory

The list of activities carried out within the flexible scope of accreditation is made publicly available by the accredited entity.

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Test subject/product	Type of operations/characteristics being tested/method	Reference documents
Fruit and vegetable juices Juice concentrate	Soluble solids content Range: (1-70) °Brix Refractometric method	PN-EN 12143:2000
Drinking water *)	<i>Sampling for chemical and physical tests</i>	<i>PN-ISO 5667-5:2017-10</i>
Water *) Drinking water *)	<i>Colour</i> <i>Range: (5 - 110) mg/l Pt</i> <i>Spectrophotometric method</i>	<i>Nanocolor method no. 1-39</i> <i>Instruction issued 09/2005</i>
	<i>Turbidity</i> <i>Range: (0.30 - 20) NTU</i> <i>Nephelometric method</i>	<i>PN-EN ISO 7027-1:2016-09</i>
	<i>Ammonium ion concentration</i> <i>Range: (0.10 - 1,0) mg/l</i> <i>Spectrophotometric method</i>	<i>PB.91805.11 ed. 1 of</i> <i>30/03/2023</i>
	<i>Nitrite concentration</i> <i>Range: (0.010 - 1.00) mg/l</i> <i>Spectrophotometric method</i>	<i>PB.91867.03 ed. 1 of</i> <i>30/03/2023</i>
	<i>Nitrite concentration</i> <i>Range: (5 - 100) mg/l</i> <i>Spectrophotometric method</i>	<i>PB.91865.04 ed. 1 of</i> <i>30/03/2023</i>
	<i>Nitrite concentration</i> <i>Range: (0.5 - 5.0) mg/l</i> <i>Spectrophotometric method</i>	<i>PB.91863.05 ed. 1 of</i> <i>30/03/2023</i>
	<i>Manganese concentration</i> <i>Range: (20 - 2000) µg/l</i> <i>Spectrophotometric method</i>	<i>PB.91860.06 ed. 1 of</i> <i>30/03/2023</i>
	<i>Manganese concentration</i> <i>Range: (20 - 600) µg/l</i> <i>Spectrophotometric method</i>	<i>PB.91826.07 ed. 1 of</i> <i>30/03/2023</i>
	<i>Total iron concentration</i> <i>Range: (20 - 2000) µg/l</i> <i>Method: spectrophotometric</i>	<i>PB.918128.08 ed. 1 of</i> <i>30/03/2023</i> <i>Instruction I.918128.01 ed. 1 of</i> <i>23/03/2021</i>
	<i>Total content of calcium and magnesium</i> <i>(Total hardness)</i> <i>Range: (18 - 504) mg/l CaCO₃</i> <i>Visual method</i>	<i>PB.915005.09 ed. 1 of</i> <i>30/03/2023</i>
	<i>Chlorides</i> <i>Range: (15 - 500) mg/l</i> <i>Method: visual</i>	<i>PB.915004.10 ed. 1 of</i> <i>30/03/2023</i>
	<i>pH</i> <i>Range: 4.0 - 9.2</i> <i>Potentiometric method</i>	<i>PN-EN ISO 10523:2012</i>
	<i>Electrical conductivity</i> <i>Range: (84 - 12 880) µS/cm</i> <i>Conductometric method</i>	<i>PN-EN 27888:1999</i>

*) Accreditation suspended at the request of the entity for part of the scope marked in bold italics from 12/06/2024 to 31/12/2025.

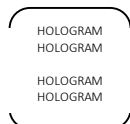
Test subject/product	Type of operations/characteristics being tested/method	Reference documents
Sewage *)	<i>Sampling for chemical and physical tests Manual method</i>	<i>PM-ISO 5667-10:2021-11</i>
	<i>Temperature of the collected sewage sample Range: (1.0 - 50.0)°C</i>	<i>PN-77/C-04584</i>
	<i>Total suspended solids Range: (2.0 - 500) mg/l Weighing method</i>	<i>PN-EN 872:2007 +Ap1:2007</i>
	<i>Chemical Oxygen Demand - COD Range: (20 - 10000) mg/L O₂ Spectrophotometric method</i>	<i>PN-ISO 15705:2005</i>
	<i>Nitrate nitrogen concentration Range: (0.006 - 5.0) mg/l Spectrophotometric method</i>	<i>PN-EN 26777:1999</i>
	<i>Nitrate nitrogen concentration Range: (0.10 - 50) mg/l Spectrophotometric method</i>	<i>PN-82/C-04576.08</i>
	<i>pH Range: 4.0 - 9.2 Potentiometric method</i>	<i>PN-EN ISO 10523:2012</i>

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List of Changes in Accreditation Scope no. AB 1799

Status of Changes: original version - A

**I approve the status of the changes:
FOOD TESTING AND CERTIFICATION
ACCREDITATION DEPARTMENT
MANAGER**



HANNA TUGI
of: 05.05.2025 r.