

## WATER FOOTPRINT VERIFICATION STATEMENT

<b>Verifying Body</b>	UNITY DOĞRULAMA MÜHENDİSLİK HİZMETLERİ LTD. ŞTİ.		
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<b>Lead Verifier</b>	Abdulkadir ÖZDOĞAN		
<b>Verifier /s</b>			
<b>Independent Reviewer</b>	Kürşat KUŞ		
<b>Company Name</b>	AKDENİZ CHEMSON ADDİTİVES INC. /USA		
<b>Company Address</b>	7825 HOLSTEİN AVENUE PHILADELPHIA, PA 19153		
<b>Scope of Activity</b>	PVC STABİLİZER AND POLYMER ADDİTİVE		
<b>Verification Period</b>	2024		
<b>Verification Dates</b>	30.07.2025– 05.11.2025		
<b>Purpose and Scope of Verification</b>	An independent and objective review of the organization's compliance with the ISO 14046 Water Footprint Standard.		
<b>Method</b>	Calculation -based		

**Assurance Level &  
Materiality Level**

Reasonable Assurance 5%

**Verification Result**

UNITY CERT has verified that the water footprint report resulting from the activities of the organization for the above-mentioned verification period has been prepared in accordance with ISO 14046 requirements, according to the ISO 14046 standard.

**Assessment Based on  
Verification Criteria**

The assessment made by the verification team is that the water footprint report has been prepared in accordance with the verification criteria.

**Team Competence**

Our team has up-to-date industry knowledge and methods in water resources management and water footprint calculation. They follow the latest research and best practices regarding the effective and sustainable use of water resources.

Our verification activities are carried out in accordance with international standards and guidelines ISO 14046. Our team is familiar with these standards and performs verification processes in accordance with these standards.

Our team has extensive experience in water footprint verification activities. They have previously been involved in water footprint verification projects in various industries and organizations. This experience helps them effectively manage their verification processes and deliver reliable results to our customers.

Verifying water footprint calculations requires an analytical process. Our team has strong analytical capabilities in statistical analysis, data evaluation and evaluation of water footprint calculations. In this way, they ensure that correct results are obtained by making a detailed examination during the verification process.

Effective communication is of great importance during verification activities. Our team has the capabilities to communicate effectively with customers and other stakeholders. They can clearly convey complex topics and openly answer any questions or concerns regarding the verification process.

These competencies enable our team to carry out water footprint verification activities effectively and support us to deliver reliable results to our customers.

## **1- PURPOSE AND SCOPE OF VERIFICATION**

The Purpose of Verification is to determine the calculation methods and methods for the annual reporting of the water used during the activities of all units of the organization, and to evaluate the compliance of the annual Water Footprint inventories with the ISO 14046 standards in terms of compliance, completeness, consistency, accuracy and transparency principles. During this verification process, the third party performed verification duties. The data obtained can be used for reference on the CDP and GRI platforms.

This letter was written with the aim of clarifying the issues mentioned in the assurance report. The assurance report is not a substitute and is written only for your benefit, addressed to the company in accordance with the terms of the contract. We accept sending this letter to CDP in order to comply with CDP disclosure requirements, but Unity Certification does not accept any responsibility or liability to CDP or any other party who may have access to this letter.

As a result of Unity Certification's assessment, the calculation of the 2024 water footprint AKDENİZ CHEMSON ADDİTİVES INC. /USA was evaluated within the scope of the “gate to gate” inventory study. It has been concluded that it complies with TS EN ISO 14046 standards and its calculations are assessed correctly.

Adress:

AKDENİZ CHEMSON ADDİTİVES INC. /USA  
7825 HOLSTEİN AVENUE PHİLADELPHİA, PA 19153

## **2- THE YEAR TO WHICH THE GREENHOUSE GAS STATEMENT BELONGS**

The water footprint “gate to gate” inventory study covers the period 01.01.2024 - 31.12.2024

### 3- ORGANIZATIONAL BOUNDARIES

Water Footprint Inventory Report has been prepared in accordance with ISO 14046 standards and “Water Footprint – Principles, Requirements and Guidelines” requirements. In this study, a water footprint inventory study was carried out by following the water footprint “gate to gate” approach. The boundaries stated in the water footprint have been verified during field visits by the verification team.

### 4-WATER FOOTPRINT STATEMENT

The Verified Water Footprint statements of AKDENİZ CHEMSON ADDİTİVES INC. /USA for the years 2024 are as follows;

<b>TYPES OF WATER SUPPLY</b>	<b>WATER USE</b>	<b>DISCHARGE</b>
Surface Water (m <sup>3</sup> /year)	: 484,22	-
Groundwater (m <sup>3</sup> /year)	: -	-
Other receiving bodies (sea water etc.) (m <sup>3</sup> /year)	: -	-
3rd Party (m <sup>3</sup> /year)	: 12,49	435,80
Mass Balance (m <sup>3</sup> /year)	: 60,91	

### 5- ASSURANCE LEVEL & MATERIALITY LEVEL

The level of assurance agreed with the company is the reasonable level of assurance.

The uncertainty value caused by the flowmeters is accepted as +/- 5% according to the water uncertainty calculations.

### 6- VERIFICATION ACTIVITIES

The verification activities carried out are based on the TS EN ISO 14046 standard. In this context, the following verification activities were conducted:

- Reviewing the data on water use, examining the consumption of water resources, water pollution and processes in which water is used, factors affecting water use, data sources and data quality during the data collection phase.
- Review of calculation documentation, procedures and revisions, including the inventory report,
- Assessment of documentation, controls and principles, including facility quality management systems,

- Evaluation and review of verification findings, observations, and corresponding solutions.
- Issuance of verification statement and completion of verification.

## **8-VERIFICATION OPINION**

The verification process by Unity Cert was carried out to contribute to the effective and sustainable use of water resources.

The validation process is based on international standards and guidelines (ISO 14046). During the data collection phase, it was stated that data on water use was collected and data sources were determined. ISO 14046 and Water Footprint Network (WFN) Methodology were used as calculation methodology and the steps of analyzing data and making calculations were explained in detail.

It was stated that during the data collection process, detailed data on the consumption of water resources, water pollution and the processes in which water is used were collected. The reliability of the data sources was evaluated and the suitability of the databases used was stated. In addition, it was stated that the deficiencies and inconsistencies of the data were determined and corrections were made.

Water footprint calculations were carried out in certain categories such as water consumption, water pollution and environmental impacts of water resources. Calculation results are presented with the support of graphs, tables and other visual tools. It was emphasized that the results provide important information for understanding and managing the environmental impacts of water use.

Verification resulted in a reasonable level of assurance by UnityCert based on procedures conducted with data provided by the organization.

## **9-ASSESSMENT OF THE WATER FOOTPRINT STATEMENT**

The evidence obtained in the evaluation of the controls, the water footprint data and information and the documents prepared are sufficient and support the water footprint statement.

**UNITY CERT**  
**General Manager**  
**Abdulkadir ÖZDOĞAN**  
