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CERTIFICATE OF ACCREDITATION

This is to attest that

LABORATORIO DE BIOTOXINAS UDEC

BARRIO UNIVERSITARIO SIN NUMERO, FACULTAD DE CS NATURALES Y OCEANOGRAFICAS
LABORATORIO DE BIOTOXINAS, CONCEPCION, 4070386, CHILE

Testing Laboratory TL-862

has met the requirements of AC89, *IAS Accreditation Criteria for Testing Laboratories*, and has demonstrated compliance with ISO/IEC Standard 17025:2017, *General requirements for the competence of testing and calibration laboratories*. This organization is accredited to provide the services specified in the scope of accreditation.

Expiry Date January 1, 2027

Effective Date June 26, 2024



International Accreditation Service
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SCOPE OF ACCREDITATION

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LABORATORIO DE BIOTOXINAS UDEC

www.biotoxinasudec.cl

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Accredited to ISO/IEC 17025:2017

Effective Date June 26, 2024

FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
Environmental – Biology	Shellfish - Mollusca	Biotoxin: - GTX 1&4 - Gonyautoxin 1 & 4 - NEO - Neosaxitoxin - dcNEO - Decarbamoylneosaxitoxin - GTX 2&3 - Gonyautoxin 2 & 3 - STX - Saxitoxin - GTX 5 or B1 - Gonyautoxin 5, also known as B1 - dcSTX - Decarbamoylsaxitoxin - dcGTX 2&3 - Decarbamoylgonyautoxin 2 & 3 - C1 & C2 - N-sulfocarbamoylgonyautoxins 1 & 2 - GTX 6 or B2 - Gonyautoxin 6, also known as B2	AOAC 2005.06 . Paralytic shellfish poisoning (PSP)
	Seafood	Domoic acid	Quilliam M.A. et al. 1995. Journal of AOAC International 78(2):543-554 . Rapid extraction and cleanup for liquid chromatographic determination of domoic acid in unsalted seafood
	Shellfish - Mollusca	Lipophilic marine toxins: - DTX 2 - Dinophysistoxin-2 - YTX - Yessotoxin - DTX 1 - Dinophysistoxin-1 - AZA 2 - Azaspiracid-2 - AZA 1 - Azaspiracid-1 - PTX 2 - Pectenotoxin-2 - AZA 3 - Azaspiracid-3 - OA - Okadaic Acid (Ácido Okádico) - HOMO-YTX (Homo-Yessotoxin)	PT-03 Rev 00 06/2023 based on: EU-Harmonised Standard Operating Procedure for determination of Lipophilic marine biotoxins in molluscs by LC-MS/MS. Version 5, January 2016. Determination of lipophilic toxins in bivalve mollusks (VDM) LC-MSMS method

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