

## DAFTAR PUSTAKA

- Ali, N. A. 2017. Analisis Kandungan Logam Berat Timbal (Pb) pada Kerang di Perairan Biringkassi Kabupaten Pangkep, Sulawesi Selatan. [Skripsi]. Universitas Islam Negeri Alauddin Makassar.
- Andriani, T., Agustin, F., Chadijah, S., Adawiah, S. R., & Nur, A. 2022. Analisa Logam Berat Kadmium (Cd) dan Timbal (Pb) pada Kerang Hijau (*Perna viridis*) yang Beredar di Pelelangan Ikan Paotere Kota Makassar. *Chimica et Natura Acta*, 10(3), 112-116. <https://doi.org/10.24198/cna.v10.n3.42296>
- Angelina, M. S., Darundiati, Y. H., & Dangiran, H. L. 2017. Analisis Risiko Kesehatan Lingkungan Kandungan Kadmium (Cd) Dalam Ikan Bandeng Di Kawasan Tambak Lorok Semarang. *Jurnal Kesehatan Masyarakat (Undip)*, 5(5), 724-732. <https://doi.org/10.14710/jkm.v5i5.19195>
- Australia. National Water Quality Management Strategy. 2000. Australian and New Zealand Guidelines for Fresh And Marine Water Quality. Australian and New Zealand Environment and Conservation Council and Agriculture And Resource Management Council Of Australia And New Zealand.
- Cordova, M.R., Zamani, N.P. & Yulianda F. 2011. Akumulasi logam berat pada kerang hijau (*Perna viridis*) di Perairan Teluk Jakarta. *Jurnal Moluska Indonesia*. 2(1): 1-8.
- Darmarini, A. S., Wardiatno, Y., Prartono, T., & Soewardi, K. 2017. Short Communication: New record of a primitive brachiopod, *Lingula* sp. Lubuk Damar, Indonesia. *Biodiversitas*, 18(4), 1438-1444.
- Emilia, I., Suheryanto, S., & Hanafiah, Z. (2013). Distribusi logam kadmium dalam air dan sedimen di Sungai Musi Kota Palembang. *Jurnal penelitian sains*, 16(2). <https://doi.org/10.56064/jps.v16i2.73>
- Fitria, P., Gafur, A., Baharuddin, A., & Syam, N. 2023. Analisis Risiko Logam Berat Pada Udang Putih Yang Dikonsumsi Petani Tambak Di Biringkassi Kabupaten Pangkep. *Window of Public Health Journal*, 690-700. <https://doi.org/10.33096/woph.v4i4.448>
- Hidayah, A. M., Purwanto, P., & Soeprobowati, T. R. (2014). Biokonsentrasi faktor logam berat Pb, Cd, Cr dan Cu pada ikan nila (*Oreochromis niloticus* Linn.) di karamba Danau Rawa Pening. *Bioma: Berkala Ilmiah Biologi*, 16(1), 1-9. <https://doi.org/10.14710/bioma.16.1.1-9>
- Husna, J.A., Octavina C., Purnawan S. 2017. Kelimpahan Foraminifera Bentik pada Sedimen di Perairan Pantai Lamreh, Aceh Besar. *Jurnal Ilmiah Mahasiswa Kelautan dan Perikanan Unsyiah*, 2(1): 66-73.

- Khan S, Farooq R, Shahbaz S, Khan MA & Sadique M. 2009. Health Risk Assessment of Heavy Metals for Population via Consumption of Vegetables. *World Applied Sciences Journal*, 6 (12):1602-1606. [http://www.idosi.org/wasi/wasi6\(12\)/2.pdf](http://www.idosi.org/wasi/wasi6(12)/2.pdf)
- LaGrega, M.D., Phillip L. Buckingham, Jeffry C. Evans and Environmental Resources Management. 2001. *Hazardous Waste Management*. Second Edition. McGraw Hill International Edition. New York.
- Mahluddin, N., & Gafur, A. (2022). Bioakumulasi Logam Berat Kadmium (Cd) dan Timbal (Pb) pada Kerang Hijau, Air, dan Sedimen di Sungai Tallo. *Window of Public Health Journal*, 3(1), 119-129. <https://doi.org/10.33096/woph.v3i1.353>
- Manurung, L. D., & Siregar, E. 2022. Analisa Kandungan Logam Berat Dan Kandungan Nutrisi Dari Kerang Lentera (*Lingula Unguis*) Sebagai Bahan Baku Produk Perikanan. *Jurnal Perikanan Unram*, 12(1), 74-79. <http://doi.org/10.29303/jp.v12i1.276>
- Marigomez, I., Soto, M., Cajaraville, M. P., Angulo, E., & Giamberini, L. 2002. Cellular and Subcellular Distribution of Metals in Molluscs. *Microscopy Research and Technique*, 56(5), 358-392. <https://doi.org/10.1002/jemt.10040>
- Munandar, A. Ali A.A., Karina S. 2016. Struktur Komunitas Makrozoobenthos di Estuari Kuala Rigaih Kecamatan Setia Bakti Kabupaten Aceh Jaya. *Jurnal Ilmiah Mahasiswa Kelautan dan Perikanan Unsyiah*, 1(3): 331-336.
- Nurhayati, D. & Putri, D.A. 2019. Bioakumulasi Logam Berat Pada Kerang Hijau (*Perna viridis*) di Perairan Cirebon Berdasarkan Musim Yang Berbeda. *Akuatika Indonesia*. 4(1): 6-10. <https://doi.org/10.24198/jaki.v4i1.23484>
- Prihatini, W., & Mulyati, A. H. 2013. Depurasi merkuri dengan ozonasi pada *Anadara antiquata* dalam upaya keamanan bahan pangan. [Skripsi]. Bogor: Fakultas Matematika dan Ilmu Pengetahuan Alam, Universitas Pakuan Bogor.
- Rakmawati, R., & Ambarwati, R. 2020. Komunitas Bivalvia yang Berasosiasi dengan Kerang Lentera (Brachiopoda: Lingulata) di Zona Intertidal Selat Madura. *Jurnal Riset Biologi dan Aplikasinya*, 2(1), 36. <https://doi.org/10.26740/jrba.v2n1.p36-41>
- Sukma, R. M., Gafur, A., & Abbas, H. H. 2020. Biokonsentrasi Logam Berat Timbal, Arsen pada Air dan Ikan Sungai Tallo Kota Makassar. *Window of Public Health Journal*, 404-416. <https://doi.org/10.33096/woph.v1i4.110>

- Suprijanto et al., 1997 Pelestarian dan Pengelolaan Sumberdaya di Wilayah Pesisir Tropis. PT Gramedia Pustaka Utama, Jakarta. 246 hlm.
- Suyanto, A., Kusmiyati, S. & Retnaningsih. 2010. Residu Logam Berat Ikan dari Perairan Tercemar di Pantai Utara Jawa Tengah. *Jurnal Pangan dan Gizi*. 1(2), 33-38. DOI: <https://doi.org/10.26714/jpg.1.2.2010.%25p>
- Svavarsson, J. A. Granmo, R. Ekelund, J. Szpunar. 2011. Occurrence and Effects Organization on Adult Common Whelk *Buccinum Undatum* (Mollusca, Gastropods) in Harbours and in a Simulated Dredging Situation. *Mar. Poll. Bull.*, 42: 370-376. [https://doi.org/10.1016/S0025-326X\(00\)00164-8](https://doi.org/10.1016/S0025-326X(00)00164-8)
- Usman, A. F., Budimawan, B., & Budi, P. 2015. Kandungan logam berat Pb-Cd dan kualitas air di perairan Biringkassi, Bungoro, Pangkep. *Jurnal Agrokompleks*, 4(9), 103-107.
- Yap CK, Ismail A, Tan SG, Ismail AR. 2004a. Assessment Of Different Soft Tissues Of The Green-Lipped Mussel (*Perna viridis*) as Biomonitoring Agents of Pb: Field and Laboratory Studies. *Water, Air, and Soil Pollution* 153: 253–268, 2004.
- Yaqin, K. 2019. Petunjuk Praktis Aplikasi Biomarker Sederhana. Upt Unhas Press.
- Yaqin, K., & Fachruddin, L. 2018. The Concentration of Lead in Windowpane Oyster (*Placuna placenta*) And Potential of Condition Index as A Morphological Biomarker to Detect Metal Pollution. *Torani Journal of Fisheries and Marine Science*, 1-13. <https://doi.org/10.35911/torani.v1i2.4437>

## LAMPIRAN

### Lampiran 1. Hasil uji logam menggunakan metode SSA (Spektrofotometer Serapan Atom)



KEMENTERIAN PENDIDIKAN DAN KEBUDAYAAN

#### INSTITUT PERTANIAN BOGOR UNIT LABORATORIUM TERPADU

Akreditasi KAN No.LP-156-IDN; LK-336-IDN; LSPR-030-IDN; LSHACCP-009-IDN; LSSMKP-009-IDN; PUP-038-IDN  
Gedung Pascasarjana Wing Kimia Lantai Dasar, Kampus IPB Baranngsiang, Jl. Pajajaran Bogor 16129  
Phone 0251-8323571 Website: <https://labterpadu.ipb.ac.id/> Email: [labterpadu@apps.ipb.ac.id](mailto:labterpadu@apps.ipb.ac.id)

FR-20.2-LT-1.0	<b>LABORATORY TEST REPORT</b>	Page 5 of 7
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Certificate No.	: LT-10-24-0355	Sampling Date	: -
Laboratory No.	: BM/III/24/0529	Received Date	: 04-03-2024
Sample Matrix	: Meat	Finish Date	: 21-03-2024
Sample Id	: C1 (2,41-2,8)	Sampling	: Customer
Packaging	: Sealed Plastic		

Parameter*	Result	Unit	Method
Lead, Pb	0.36	mg/Kg	IK.LP-04.11-LT-1.0
Cadmium, Cd	<0.009	mg/Kg	IK.LP-04.11-LT-1.0

## REMARKS:

\*) Outside the Scope of Accreditation  
Laboratory is not responsible for the sampling process

Certificate No.	: LT-10-24-0355	Sampling Date	: -
Laboratory No.	: BM/III/24/0530	Received Date	: 04-03-2024
Sample Matrix	: Meat	Finish Date	: 21-03-2024
Sample Id	: C2 (2,81-3,2)	Sampling	: Customer
Packaging	: Sealed Plastic		

Parameter*	Result	Unit	Method
Lead, Pb	0.38	mg/Kg	IK.LP-04.11-LT-1.0
Cadmium, Cd	<0.009	mg/Kg	IK.LP-04.11-LT-1.0

## REMARKS:

\*) Outside the Scope of Accreditation  
Laboratory is not responsible for the sampling process

March 21, 2024  
Head of Laboratory,

Dr. Mohammad Khotib, M.Si  
NIP. 19781018.200701 1 002



KEMENTERIAN PENDIDIKAN DAN KEBUDAYAAN

**INSTITUT PERTANIAN BOGOR****UNIT LABORATORIUM TERPADU**

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 Gedung Pascasarjana Wing Kimia Lantai Dasar, Kampus IPB Baranangsiang, Jl. Pajajaran Bogor 16129  
 Phone 0251-8323571 Website: <https://labterpadu.ipb.ac.id/> Email: [labterpadu@apps.ipb.ac.id](mailto:labterpadu@apps.ipb.ac.id)

FR-20.2-LT-1.0	<b>LABORATORY TEST REPORT</b>	Page 6 of 7
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Certificate No.	: LT-10-24-0355	Sampling Date	: -
Laboratory No.	: BM/III/24/0531	Received Date	: 04-03-2024
Sample Matrix	: Meat	Finish Date	: 21-03-2024
Sample Id	: C3 (3,21-3,6)	Sampling	: Customer
Packaging	: Sealed Plastic		

Parameter*	Result	Unit	Method
Lead, Pb	0.44	mg/Kg	IKLP-04.11-LT-1.0
Cadmium, Cd	<0.009	mg/Kg	IKLP-04.11-LT-1.0

**REMARKS:**

\*) Outside the Scope of Accreditation

Laboratory is not responsible for the sampling process

Certificate No.	: LT-10-24-0355	Sampling Date	: -
Laboratory No.	: BM/III/24/0532	Received Date	: 04-03-2024
Sample Matrix	: Meat	Finish Date	: 21-03-2024
Sample Id	: D1 (2,41-2,8)	Sampling	: Customer
Packaging	: Sealed Plastic		

Parameter*	Result	Unit	Method
Lead, Pb	0.35	mg/Kg	IKLP-04.11-LT-1.0
Cadmium, Cd	<0.009	mg/Kg	IKLP-04.11-LT-1.0

**REMARKS:**

\*) Outside the Scope of Accreditation

Laboratory is not responsible for the sampling process

March 21, 2024  
 Head of Laboratory,

Dr. Mohammad Khotib. M.Si  
 NIP. 19781018 200701 1 002



KEMENTERIAN PENDIDIKAN DAN KEBUDAYAAN

## INSTITUT PERTANIAN BOGOR

## UNIT LABORATORIUM TERPADU

Akreditasi KAN No.LP-154-IDN; LK-336-IDN; LSP-030-IDN; LBHACCP-009-IDN; LSSMKP-009-IDN; PUP-036-IDN  
 Gedung Pascasarjana Wing Kimia Lantai Dasar, Kampus IPB Saranungsang, Jl. Pajajaran Bogor 16129  
 Phone 0251-8323571 Website: <https://labterpadu.ipb.ac.id/> Email: [labterpadu@apps.ipb.ac.id](mailto:labterpadu@apps.ipb.ac.id)

FR-20.2-LT-1.0	<b>LABORATORY TEST REPORT</b>	Page 7 of 7
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Certificate No.	: LT-10-24-0355	Sampling Date	: -
Laboratory No.	: BM/III/24/0533	Received Date	: 04-03-2024
Sample Matrix	: Meat	Finish Date	: 21-03-2024
Sample Id	: D2 (2,81-3,2)	Sampling	: Customer
Packaging	: Sealed Plastic		

Parameter*	Result	Unit	Method
Lead, Pb	0.25	mg/Kg	IKLP-04.11-LT-1.0
Cadmium, Cd	<0.009	mg/Kg	IKLP-04.11-LT-1.0

## REMARKS:

\*) Outside the Scope of Accreditation

Laboratory is not responsible for the sampling process

Certificate No.	: LT-10-24-0355	Sampling Date	: -
Laboratory No.	: BM/III/24/0533	Received Date	: 04-03-2024
Sample Matrix	: Meat	Finish Date	: 21-03-2024
Sample Id	: D3 (3,21-3,6)	Sampling	: Customer
Packaging	: Sealed Plastic		

Parameter*	Result	Unit	Method
Lead, Pb	0.35	mg/Kg	IKLP-04.11-LT-1.0
Cadmium, Cd	<0.009	mg/Kg	IKLP-04.11-LT-1.0

## REMARKS:

\*) Outside the Scope of Accreditation

Laboratory is not responsible for the sampling process

March 21, 2024  
 Head of Laboratory,

Dr. Mohammad Khotib, M.Si  
 NIP. 19781018 200701 1 002



Lampiran 2. Dokumentasi kegiatan





## ***CURRICULUM VIATE***

### **A. Data Pribadi**

1. Nama : Waode Allysa Salsabila
2. Tempat, tgl lahir : Makassar, 01 Februari 2002
3. Alamat : Jl. Rajawali 1 Lrg. 13A No. 1C.
4. Kewarganegaraan : Indonesia

### **B. Riwayat Pendidikan**

1. SDN Mangkura V Makassar (2008-2014)
2. SMPN 6 Makassar (2014-2017)
3. SMAN 4 Makassar (2017-2020)
4. Universitas Hasanuddin (2020-2024)