

DAFTAR PUSTAKA

1. Cross L. E; Newnhan : History of Ferroelectrics. *The American Ceramic Society* 1990, Vol 3, 289 - 296.
2. Xialian, Z.; Xinyou, H.; Chunhua, G. : Study on Ferroelectric and Dielectric Properties of La-Doped $\text{CaBi}_4\text{Ti}_4\text{O}_{15}$ - Based Ceramics. *Journal of Rare Earths*, 2017, 25, 168 - 172.
3. Aurivillius. 1949. Mixed Bismuth Oxides with Layer Lattices I. *Arkiv For Kemi*, 1, 1949, 54, 463-480.
4. Yao, Z.; Chu, R.; Xu, Z.; Hao, J.; Du, J.; Li, G. : Electrical properties and thermal stability of $\text{Na}_{0.5}\text{Bi}_{4.5-x}(\text{La}_{0.5}\text{Ce}_{0.5})_x\text{Ti}_4\text{O}_{15}$ Aurivillius ceramics. *Materials Letter*, 2016, 180, 252 - 255.
5. Peng, Z.; Chen, Q.; Chen, Y. : Microstructure and Electrical Properties In W/Nb Co-Doped Aurivillius Phase $\text{Bi}_4\text{Ti}_3\text{O}_{12}$ Piezoelectric Ceramics. *Materials Research Bulletin*, 2014.
6. Zulhadjri; Prijamboedi, B.; Nugroho, A.A.; Mufti, N.; Fajar, A.; Palstra, T. T. M.; Ismunandar, I. : Aurivillius phases of $\text{PbBi}_4\text{Ti}_4\text{O}_{15}$ doped with Mn^{3+} synthesized by molten salt technique, structure, dielectric, and magnetic properties. *Journal of Solid state Chem*, 2011, 184, 1318 - 1323.
7. Zulhadjri; S., A., Ella, A.; Syukri : Sintesis Senyawa Aurivillius $\text{SrBi}_4\text{Ti}_4\text{O}_{15}$ yang didoping kation La^{3+} dengan metode lelehan garam. *Prosiding Semirata FMIPA*, Universitas Lampung, 2013.
8. Tanwar, A.; Sreenivas, K.; Gupta, V. : Effect of orthorombic Distortion on Dielectric and Piezoelectric Properties of $\text{CaBi}_4\text{Ti}_4\text{O}_{15}$ Ceramics. *Journal of Applied Physics*, 2009, 105, 084105-1 – 084105-7.
9. Zeng, T., Li, Y., Wang, D., Yin, Q : Electrical Properties of Neodymium Doped $\text{CaBi}_4\text{Ti}_4\text{O}_{15}$ Ceramics. *Solid State Communication* 2005 133 : 553 – 557.
10. Mikrianto, E.; Yanti, I.; Wahyuni, D.; Rahmawati, Husna, F.; Noveasari.; Nuryanti, K. : Sintesis Dan Karakterisasi Senyawa Berstruktur Aurivillius Lima Lapis Tipe $\text{CuBi}_5\text{Ti}_5\text{O}_{18}$ dan $\text{AgBi}_5\text{Ti}_5\text{O}_{18}$ dan Penentuan Sifat Feroelektriknya. *Sains dan Terapan Kimia*, 2007. Vol. 1, 59-68.
11. Subbarao, C.: A Family of Ferroelectric Bismuth Compounds. *Journal Physical Chemistry*, 1962, 23, 665.
12. Rizal, Muhammad., Ismunandar : Sintesis dengan Metoda Hidrotermal dan Karakterisasi Senyawa Berstruktur Aurivillius $\text{Bi}_4\text{Ti}_3\text{O}_{12}$. Institut Teknologi Bandung 2007.
13. Ismunandar. *Padatan oksida logam : struktur, sintesis dan sifat-sifatnya*. Penerbit ITB, 2006, 123-124.
14. Khokar, A.; Goyal, P. K.; Thakur, O.P.; Shukla, A.K.; Sreenivas, K. : Influence of lanthanum distribution on dielectric and ferroelectric properties of $\text{BaBi}_{4-x}\text{La}_x\text{Ti}_4\text{O}_{15}$ ceramics. *Material Chemistry Physics*, 2015, 152 : 13-25.
15. Sudirham, S.; Utari, N,S : *Mengenal Sifat Material*. Darpublic Edisi Juli, 2012, 161-162.
16. Triana, F.; Setijadi, E.; Purnomo, M.A. : Pengukuran dan Permodelan Konstanta Dielektrik Air Hujan pada Frekuensi Gelombang Mikro. ITS Surabaya.
17. Ahda, Syahfandi.; Mardiyanto.; Alimin, M. : Aplikasi Metode Molten Salt untuk Sintesis Bahan Piezoelektrik $\text{Bi}_{0.5}(\text{Na}_{0.75}\text{K}_{0.25})_{0.5}\text{TiO}_3$. *Jurnal Sains Materi Indonesia*, 2012, No. 4, Vol. 14, 243-289.
18. Yao, Z.; Chu, R.; Xu, Z.; Hao, J.; Du, J.; Li, G. : Electrical properties and thermal stability of $\text{Na}_{0.5}\text{Bi}_{4.5-x}(\text{La}_{0.5}\text{Ce}_{0.5})_x\text{Ti}_4\text{O}_{15}$ Aurivillius ceramics. *Materials Letter*, 2016, 180, 252-255.
19. Kimura, T. : *Molten salt Synthesis of ceramic Powders*. Keio University Japan, 2011.

20. Anggraeni, N.D. : Analisa SEM (Scanning Electron Microscopy) dalam pemantauan proses oksidasi Magnetite menjadi Hematite. Institut Teknologi Nasional Bandung, 2008.
21. Putri, A.W. : Pembuatan Simulasi Intensitas Total Sinar-X Terdifraksi untuk Menghitung Persentase Fasa dan Fraksi Volume dalam Campuran Unsur Si dan Ni. Universitas Sebelas Maret 2010 : 11-12.
22. Rusli, R : Analisis pola difraksi serbuk menggunakan *Le Bail* pada program Rietica 2011, Bandung.
23. Kennedy, B.J., Kubota, Y., Hunter, B.A., Ismunandar, Kato, K : Structural phase transitions in the layered bismuth oxide $\text{BaBi}_4\text{Ti}_4\text{O}_{15}$. *Solid State Communications* 2003, 126:653-658.
24. Smith, E.; Dent, G. : Modern Raman Spectroscopy : A Practical Approach. John Wiley & Sons, Ltd, 2005, 2-5.
25. Digamber G.; Maggard, P. : Synthesis of textured $\text{Bi}_5\text{Ti}_3\text{FeO}_{15}$ and $\text{LaBi}_4\text{Ti}_3\text{FeO}_{15}$ ferroelectric layered Aurivillius phases by molten-salt flux methods. *Materials Research Bulletin*, 2006, 41, 1513–1519.
26. Tellier, J.; Boullay, P.; Manier, M.; Mercurio, D. : A comparative study of the Aurivillius phase ferroelectrics $\text{CaBi}_4\text{Ti}_4\text{O}_{15}$ and $\text{BaBi}_4\text{Ti}_4\text{O}_{15}$. *Journal of Solid State Chemistry*, 2004, 177, 1829-1837.
27. Kahlenberg, V., Boehm, H : The structures of alpha- and beta- $\text{Bi}_2\text{Ti}_4\text{O}_{11}$. *Acta Crystallographica B*, 1995, 51, 11-18.
28. Kennedy, B.J.; Zhou, Q.; Ismunandar; Kubota, Y; Kato, K. : Cation disorder and phase transitions in four-layer ferroelectric Aurivillius phases $\text{ABi}_4\text{Ti}_4\text{O}_{15}$ (A = Ca, Sr, Ba, Pb). *Journal Solid State Chemistry*, 2008, 181, 1377-1286.
29. Fuentes, M.E.; Mehta, A.; Lascano, L.; Camacho, H.; Chianelli, R.R.; Fernandez, J.F.; Fuentes, L. : The Crystal Structure Of $\text{BaBi}_4\text{Ti}_4\text{O}_{15}$. *Ferroelectrics*, 2002, 269, 159-164.
30. Diao, C.L.; Xu, J.B.; Zheng, H.W.; Fang, L.; Gu, Y.Z.; Zhang, W.F. : Dielectric and Piezoelectric properties of Cerium Modified $\text{BaBi}_4\text{Ti}_4\text{O}_{15}$ ceramics. *Ceramics international*, 2013, 90, 6991-6995.
31. Hou, R. Z.; Chen, X.M. : La^{3+} Substitution in Four-Layers Aurivillius Phase $\text{SrBi}_4\text{Ti}_4\text{O}_{15}$. *Solid State Communications*, 2004, 130, 469-472.