

DAFTAR PUSTAKA

- Abdurrahman, I., dan Rohimah, S. 2012. Pemanfaatan Selulosa Dari Kulit Jagung (*Zea mays*) Untuk Pembuatan Plastik Biodegradable. Teknik Kimia: Politeknik Negeri Bandung.
- Aiedeh, K., Taha. M. O., Al-Hiari, Y., Bustanji, Y., and Alkhatib, H. S 2006. Effect of Ionic Crosslinking on The Drug Release Properties of Chitosan Diacetate Matrices. *Journal of Pharmaceutical Sciences*. 96: 38-43.
- Akhtar, M. J., Jacquot, M., Jasniewski, J., Jacquot, C., Imran, M., Jamshidian, M., Paris, C., and Desobry, S. 2012. Antioxidant Capacity and Light-Aging Study of HPMC Films Functionalized with Natural Plant Extract. *Carbohydrate Polymers*. 89: 1150-1158.
- Almeida, N., Rakesh, L., and Zhao, J. 2014. Phase Behavior of Concentrated Hydroxypropyl Methylcellulose Solution in The Presence of Mono and Divalent Salt. *Carbohydrate Polymers*, 99: 630–637.
- Alvim, I. D. and Carlos, R. F. G. 2010. Microparticles Obtained by Complex Coacervation: Influence of The Type of Reticulation and The Drying Process on The Release of The Core Material. *Food Science and Technology*. 30: 1069 – 1076.
- Aminabhavi, T. M., Balundgi, R. H., and Cassidy, P. E. 2008. A Review on Biodegradable Plastics. *Polymer-Plastics Technology and Engineering*, 29: 235-262.
- Andersen, O. M., and Markham, K. R. 2006. *Flavonoids Chemistry. Biochemistry and Applications*. CRC Press. Boca Raton.
- Anonim. 2005. Glutaraldehyde. URL: <https://pubchem.ncbi.nlm.nih.gov/compound/glutaraldehyde>. Diakses tanggal 10 September 2017 pukul 19.02 WIB.
- Ansel, H. C. 1989. *Pengantar Bentuk Sediaan Farmasi*. Jakarta: UI Press. 489 – 502.
- Arrua, D., Strumia, M. C., and Nazareno, M. A. 2010. Immobilization of Caffeic Acid On A Polypropylene Film: Synthesis And Antioxidant Properties. *Journal of Agricultural And Food Chemistry*. 58: 9228 – 9234.
- Atares, L., Perez, M. R., and Chiralt, A. 2011. The Role of Some Antioxidants in The HPMC Film Properties and Lipid Protection in Coated Toasted Almonds. *Journal of Food Engineering*. 104: 649-656.

- Badar, A. A. 2006. Karakterisasi Sifat Fisiko Kimia dan Mekanik Daun Patat (*Phrynium capitatum*) sebagai Bahan Kemasan. Skripsi Departemen Teknologi Industri Pertanian. Fakultas Teknologi Pertanian. Institut Pertanian Bogor.
- Baroni, P., Vieira, R. S., Meghetti, E., Silva, M. G. C., and Beppu, M. M. 2008. Evaluation of Batch Adsorption of Chromium Ions On Natural And Crosslinked Chitosan Membrans. *Journals Of Hazardous Materials*. 152: 1155 -1163.
- Bastos, D. D. S., Araujo, K. G. D. L., and Leao, M. H. M. D. R. 2009. Ascorbic Acid Retaining Using a New Calcium Alginate-Capsul Based Edible Film. *Journal of Microencapsulation*. 26: 97-103.
- Bigi, A., Cojazzi, G., Panzavolta, S., Roveri, N., and Rubini, K. 2002. Stabilization of Gelatin Films by Crosslinking with Genipin. *Biomaterials*. 23: 4827 – 4832.
- Bobbarala, V. 2012. Antimicrobial Agents. Intech. Croatia.
- Bonilla, J., Talon, E., Atarez, L., Vargas, M., and Chiralt, A. 2013. Effect of the Incorporation of Antioxidants on Physicochemical and Antioxidant Properties of Wheat Starch-Chitosan Films. *Journal of Food Engineering*. 118: 271-278.
- Brandt, L. 2001. Cellulose Ether. *Industrial Polymers Handbook*. 3: 1569 – 1613.
- Brody, A. L. 2010. Active Packaging for food Applications. CRC Press.
- Brody, A. L., Bugusu, B., Han, J. H., Koelsch, C., and McHugh, T. H. 2008. Innovative Food Solutions. *Journal of Food Science*. 73: 107-116.
- Burgos, Gabriela, Walter, A., Lupita, M., Paola, S., Edith, C., Cinthia, S., Carlos, D., and Merideth, B. 2013. Total Phenolic, Total Anthocyanin and Phenolic Acid Concentrations and Antioxidant Activity of Purple-Fleshed Potatoes As Affected by Boiling. *Journal of Food Composition and Analysis*. 30: 6 – 12.
- Carol, L. D., Rodriguez, F., Guarda, A., and Galotto, M. J. 2016a. Antioxidant Films Based on Cross-linked Methyl Cellulose and Native Chilean Berry For Food Packaging Applications. *Carbohydrate Polymers*. 136: 1052 – 1060.
- Carol, L. D., Bustos, F., Abel, G., and Galotto, M. J. 2016b. Cross-linked Methyl Cellulose Films With Murta Fruit Extract For Antioxidant and Antimicrobial Active Food Packaging. *Food Hydrocolloids*. 60: 335-344.

- Chalarampos, P. 2008. Natural Antioxidant Constituents From Selected Aromatic Plants and Their Antimicrobial Activity Against Selected Pathogenic Microorganism. *Food Technology and Biotechnology*. 46: 151 – 156.
- Cooper, T. A. 2013. *Developments in Bioplastic Materials For Packaging Food, Beverages and Other Fast-Moving Consumer Goods*. UK: Woodhead Publishing.
- Cowan, M. M. 1999. Plant Products as Antimicrobial Agents. *Clinical Microbiology Reviews*. 12: 564 – 582.
- Damink, L. H. H. O., Dijkstra, P. J., Van Luyn, M. J. A., Van Wachem, P. B., Nieuwenhuis, P., and Feijen, J. 1995. Glutaraldehyde as A Crosslinking Agent For Collagen-Based Biomaterials. 6: 460 – 472.
- De La, R. L. A, Alvarez-Parrilla E, and Gonzalez-Aguilar GA. 2010. *Fruit and vegetable phytochemicals- chemistry, Nutritional Value, and Stability*, 1st ed.; Wiley-Blackwell. Ames, IA, USA.
- De'nobili, M. D., Perez, C. D., Navarro, D.A., Stortz, C. A., and Rojas, A. M. 2013. Hydrolytic Stability of l-(+)- Ascorbic Acid in Low Methoxyl Pectin Films with Potential Antioxidant Activity at Food Interfaces. *Food and Bioprocess Technology*. 6: 186-197.
- Edema, M. O. and Alaga, T. O. 2012. Comparative Evaluation of Bioactive Compounds in Hibiscus Sabdariffa and *Syzygium samarangense* Juice Extracts. *African Crop Science Journal*. 20: 179 – 187.
- Endo, T., Kitagawa, R., Zhang, F., Hirotsu, T., and Hosokawa, J. 1999. Mechanochemical Preparation of Novel Cellulose-Poly(Ethylene Glycol) Composite *Chemistry Letters*. 1155 – 1156.
- Fajarwati, F. I. 2015. Efek Taut Silang Glutaraldehyda Pada Kompleks Polielektrolit Kitosan – Karboksimetil Selulosa Terhadap adsorpsi Biru Metilen. Tesis. Ilmu Kimia. UGM.
- Farber, J. M. 1991. Microbial Aspect of Modified Atmosphere-Packaging Technology a Review. *Journal Food Protein*. 54: 58-70.
- Fennema, O. R. 1996. *Food Chemistry*. Third Ed. University of Wisconsin-Madison, Marcel Dekker Inc. New York, USA.
- Firdaus, F., dan Anwar, C. 2004. Potensi Limbah Padat-Cair Industri Tepung Tapioka sebagai Bahan Baku Film Plastik Biodegradable. *Jurnal Logika*. 1.2.

- García, M. A., Pinotti, A., Martino, M. N., and Zaritzky, N. M. 2004. Characterization of composite hydrocolloid films. *Carbohydrate Polymers*, 56: 339-345.
- Genta, I., Costantini, M., Asti, A., Conti, B., and Montanari, L. 1998. Influence of Glutaraldehyde On Drug Release And Mucoadhesive Properties of Chitosan Microspheres. *Carbohydrate Polymers*. 36: 81 – 88.
- Gontard, N., and Guilbert, S. 1992. *Bio Packaging: Technology and Properties of Edible Biodegradable Material of Agricultural Origin*. Food Packaging A Preservation. The Aspen Publisher Inc. Gaithersburg, Maryland. 159-181.
- Gontard, N., Guilbert, S., and Cuq, J. L. 1993. Water and Glycerol as Plasticizers Affect Mechanical and Water Vapor Barrier Properties of an Edible Wheat Gluten Film. *Journal of Food Science*. 58: 206 – 211.
- Grasianto. 2014. *Enkapsulasi Kurkumin Dalam Nanopartikel Kitosan-Pektin Tertaut Silang Glutaraldehida dan Studi Pelepasannya Secara In Vitro*. Tesis. Ilmu Kimia. UGM.
- Harborne, J. B. 1987. *Metode Fitokimia : Penuntun Cara Modern Menganalisis Tumbuhan*. Bandung: ITB (diterjemahkan oleh Kosasih Padmawinata dan Iwang Soediro).
- Harborne, J. B., 1997. *Metode Fitokimia : Penuntun Cara Modern Menganalisa Tumbuhan*. Bandung: ITB.
- Hariyati, T., Jekti, Dyah, D.S., Andayani, Yayuk. 2015. Pengaruh Ekstrak Etanol Daun Jambu Air (*Syzygium aqueum*) Terhadap Bakteri Isolat Klinis. *Jurnal Penelitian Pendidikan IPA (JPPIPA)*.1.
- Harsunu, B. 2008. Pengaruh Konsentrasi Plasticizer Gliserol dan Komposisi Khitosan dalam Zat Pelarut terhadap Sifat Fisik Edible Film Dari Khitosan. Skripsi. Departemen Metalurgi dan Material. Fakultas Teknik. Universitas Indonesia. 105 Hlm.
- Heleno, S. A., Martins, A., Joao, M., Queiroz, and Ferreira, I. C. F. R. 2015. Bioactivity of Phenolic Acids: Metabolites Versus Parent Compounds: A Review. *Food Chemistry* 173: 501–513.
- Hema, R., Kumaravel, and Alagusundaram. 2011. GC-MS Study On The Bioactive Components and Anti-Cancer Activities of *Solanum surattense*. *Cancer Biology*. 1: 13 – 17.

- Heo, S. J., Cha, S. H., Lee, K. W., Cho, S. K. and Jeon, Y. J. 2005. Antioxidant Activities of Chlorophyta and Phaeophyta from Jeju Island. *Algae*. 20: 251-260.
- Howard, L. R. and Dewi, T. 1995. Sensory Microbiological and Chemical Quality of Minipeeled Carrots as Affected By Edible Penyalut Treatment. *Journal Food Science*. 60: 142 – 144.
- Huang, C. J., Wang, T. K., Chung, S. C., and Chen, C.Y. 2005. Identification of An Antifungal Chitinase From A Potential Biocontrol Agent, *Bacillus cereus*. *Journal of Biochemistry and molecular Biology*. 38: 82 - 88.
- Huang, M. T., Ho, C. T., and Lee, C. Y. 1992. Phenolic Compounds in Food and Their Effects on Health II: Antioxidant and Cancer Prevention. American Chemical Society, Washington.
- Hui, Y. H., Duncan, S., Legarreta, I. G., Li-Chan, E. C. Y., Manley, C. H., Nip, W. K., McMeekin, T. A., Nollet, L. M. L., and Rahman, M. S. 2005. *Handbook of Food Science Technology and Engineering*, Volume 1. CRC Press.
- Husna, D. 2015. Pengaruh Polietilen Glikol (PEG) dan Etilendiaminatetraasetat (EDTA) Dalam Analisis Fenilpiruvat Menggunakan Plat Silika Gel Terimmobilisasi Ferri Ammonium Sulfat. Skripsi. Ilmu Kimia. UMM.
- Istiani, Y. 2010. Karakterisasi Senyawa Bioaktif Isoflavon dan Uji Aktivitas Antioksidan dari Ekstrak Etanol Tempe Berbahan Baku Koro Pedang (*Canavalia ensiformis*). Thesis Program PascaSarjana Universitas Sebelas Maret. Surakarta.
- Jimenez, A., Fabra, M.J., Talens, P., and Chiralt, A. 2013. Physical Properties and Antioxidant Capacity of Starch-Sodium Caseinate Films Containing Lipids. *Journal of Food Engineering*. 116: 695 - 702.
- Jouki, M., Yazdi, F. T., Mortazavi, S.A., and Koocheki, A. 2014. Quince Seed Mucilage Films Incorporated With Oregano Essential Oil: Physical, Thermal, Barrier, Antioxidant and Antibacterial Properties. *Journal Hydrocolloids*. 36: 9 - 19.
- Kaesweejan, N. and Sirithon, S. 2015. Bioactive Components And Properties of Ethanolic Extract And Its Fractions From *Gynura procumbens leaves*. *Industrial Crops and Products*. 74: 271 – 278.
- Kamsiati, E. 2013. Plastik Ramah Lingkungan. *Buletin Inovasi Teknologi Pertanian*. 1: 55 – 56.

- Kimura, I. Y. 2001. Adequacy of Isotherm Adsorption of Black 5 Reactive Dye for Crosslinked Chitosan Microspheres. Brasil: Santa Catarina. Maringa. 23: 1313 – 1317.
- Koelsch, C. 1994. Edible Water Vapor Barrier: Properties and Promise. Trends In Food Technology. 40: 76 – 81.
- Li, J. H., Miao, J., Wu, J. L., Chen, S. F., and Zhang, Q. Q. 2014. Preparation and Characterization of Active Gelatin-Based Films Incorporated with Natural Antioxidants. Food Hydrocolloids. 37: 166-173.
- Madikizela, B., Aderogba, M. A., Finnie, J.F., and Van Staden, J. 2014. Isolation and Characterization of Antimicrobial Compounds From Terminalia *Phanerophlebia* Eng. & Diels Leaf Extracts. Journal of Ethnopharmacology. 156: 228 - 234.
- Markham, K. R. 1988. Cara Mengidentifikasi Flavonoid. Jakarta: AgroMedia.
- Mayol, L., Stefanoa, D. D., Falcoa, F. D., Carnuccioa, R., Maiuri, M. C., and Rosa, G. D. 2014. Effect of hyaluronic acid on the thermogelation and biocompatibility of its blends with methyl cellulose. Carbohydrate Polymers. 112: 480 - 485.
- Migneault, I., Dartiguenave, C., Bertrand, M.J., and Waldron, K. C. 2004. Glutaraldehyde: Behavior in Aqueous Solution, Reaction With Proteins, And Application to Enzyme Crosslinking. Biotechnology. 37: 790 – 802.
- Molyneux, P. 2004. The Use of The Stable Free Radical Diphenylpicryl-hydrazil (DPPH) for Estimating Antioxidant Activity. J. Science Technology. 26: 211 - 219.
- Nuria, M.C., Faizatun, A., dan Sumantri. 2009. Uji Antibakteri Ekstrak Etanol Daun Jarak Pagar (*Jatropha curcas* L) Terhadap Bakteri *Staphylococcus aureus* ATCC 25923, *Escherichia coli* ATCC 25922, dan *Salmonella typhi* ATCC 1408. Jurnal Ilmu Pertanian. 5: 26 – 37.
- Okuda, T., Yoshida, T., Hatano, T., Yazaki, K., and Ashida, M. 1982. Ellagitannins of The Casuarinaceae, Stachyuraceae, and Myrtaceae. Phytochemistry. 21. 2871.
- Palanisamy, U. D., Ling, L. T., Manaharan, T., Sivapalan, V., Subramaniam, T., Helme, M.H., and Masilamani, T. 2011. Standardized Extract of *Syzygium aqueum*. A Safe Cosmetic Ingredient. International Journal of Cosmetic Science. 33. 3: 269-275.

- Pangastuti, P. M. 2010. Peningkatan stabilitas fisik dan aktivitas antioksidan minuman susu kacang tanah (*Arachis hypogea* L.) terfermentasi menggunakan *Lactobacillus acidophilus* SNP2 dan *Lactobacillus plantarum* Dad13. Tesis Pascasarjana Fakultas Teknologi Pertanian Universitas Gadjah Mada.
- Paramawati, R. 2001. Properties of Plasticized-Zein Film as Affected by Plasticizer Treatments. Skripsi. Institut Pertanian Bogor. Bogor.
- Perez, C. D., Fissore, E. N., Gerschenson, L. N., Cameron, R. G., and Rojas, A. M. 2012. Hydrolytic and Oxidative Stability of 1-(+)- Ascorbic Acid Supported in Pectin Films: Influence of the Macromolecular Structure and Calcium Presence. *Journal of Agricultural and Food Chemistry*. 60: 5414 - 5422.
- Piyakulawat, P., Praphairaksit, N., Chantarasiri, N., and Muangsin, N. 2007. Preparation And Evaluation of Chitosan/Carrageenan Beads for Controlled Release of Sodium Dicloferac. 8: 1 – 11.
- Ragasa, C. Y., Franco Jr., F. C., Raga, D. D., Shen, and Chien, C. 2014. Chemical Constituents of *Syzygium samarangense*. Chemistry Department, De La Salle University Science & Technology Complex Leandro V. Ilocsin Campus, Binan City, Laguna, Philippines.
- Ramos, M., Jimenez, A., Peltzer, M., and Garrigos, M. C. (2012). Characterization and antimicrobial activity studies of polypropylene films with carvacrol and thymol for active packaging. *Journal of Food Engineering*, 109: 513 – 519.
- Rimdisit, S., Ingjid, S., Damrongsakkul, S., Tiptipakorn, S., and Takeichi, T. 2008. Biodegradability and property characterizations of Methyl Cellulose: Effect of nanocompositing and chemical crosslinking. *Carbohydrate polymers*. 72: 444 - 455.
- Robles, S. R. M., Rojas, G. M. A., Odriozolaserrano, I., Gonzales, A. G., and Martin, B.O. 2013. Influence of Alginate-Based Edible Coating as Carrier of Antibrowning Agents on Bioactive Compounds and Antioxidant Activity in Fresh-Cut Kent Mangoes. *LWT - Food Science and Technology*. 50: 240 -246.
- Roy, M. K., Juneja, L. R., Isobe, S., and Tsushida, T. 2009. Steam Processed Broccoli (*Brassica oleracea*) Has Higher Antioxidant Activity in Chemical and Cellular Assay Systems. *Food Chemistry*. 114: 263 – 269.
- Ruiz, N. Y., Viuda, M. M., Sendra, E., Perezal, V. J. A., and Fernandez, L. J. 2013. In Vitro Antibacterial and Antioxidant Properties of Chitosan Edible

- Films Incorporated with Thymus Moroderi or Thymus Piperella Essential Oils. *Food Control*. 30: 386 – 392.
- Salvador, A., Sanz, T., and Fiszman, S. M. 2008. Performance of Methyl Cellulose in Coating Batters for Fried Products. *Food Hydrocolloids*. 22: 1062 – 1067.
- Santoso, Umar. 2006. *Antioksidan Pangan*. UGM Press: Yogyakarta.
- Saputra, Irfan, Prihandini, G., Zullaikah, S., dan Rachimoellah, M. 2013. Ekstraksi Senyawa Bioaktif dari Daun *Moringa oleifera*. *Jurnal Teknik POMITS*. 2.1.
- Sebti, I. and Coma, V. 2002. Active Edible Polysaccharides coating and Interactions Between Solution Coating Compounds. *Carbohydrate Polymers*. 49: 139 – 144.
- Shahidi, F. and Marian, N. 1995. *Food Phenolics, Sources Chemistry Effects Applications* Technomic Publ. Lancaster. Basel.
- Shahidi, F. and Ambigaipalan, P. 2015. Phenolics and Polyphenolics in Foods, Beverages and Spices: Antioxidant Activity and Health Effects –A Review. *Journal of Functional Foods* 18: 820 – 897.
- Shahidi, F., and Naczk, M. 2004. *Phenolics in Food and Nutraceuticals*. CRC Press. Boca Raton.
- Shahidi, F., and Zhong, Y. 2015. Measurement of Antioxidant Activity. *Journal of Functional Foods* 18:757 – 781.
- Shameli, K., Ahmad, M. B., Jazayeri, S. D., Sedaghat, S., Shabanzadeh, P., and Jahangirian, H. 2012. Synthesis and Characterization of Polyethylene Glycolmediated Silver Nanoparticles By The Green Method. *International Journal of Molecular Sciences*. 13: 6639 – 6650.
- Singleton, V. L., Orthofer, R., and Lamuela, R. R. M. 1999. Analysis of Total Phenols and Other Oxidation Substrates and Antiokxidants By Means of Folin-Ciocalteu Reagent. *Methods Enzymol*. 299: 152 – 178.
- Suliwarno, A. 2014. *Karakterisasi Sifat Fisik dan Mekanik Hidrogel Metilselulosa Hasil Sintesis Menggunakan Iradiasi Berkas Elektron*. Pusat aplikasi Isotop dan Radiasi. BATAN.
- Suppakul, P., Miltz, J., Sonneveld, K., and Bigger, S. W. 2003. Active Packaging Technologies With an Emphasis on Antimicrobial Packaging and Its Applications. *Journal of food Science*. 68: 408 - 420.

- Tamat, S. R., Wikanta, T., dan Maulina, L.S. 2007. Aktivitas Antioksidan dan Toksisitas Senyawa Bioaktif dari Ekstrak Rumput Laut Hijau *Ulva reticulata* Forsskal. *Jurnal Ilmu Kefarmasian Indonesia*. 5: 31- 36.
- Thamilvaani, M., David, A., Hwee, M.C., and Uma, D. P., 2012. Flavonoids Isolated from *Syzygium aqueum* Leaf Extract as Potential Antihyperglycaemic Agents. *Food Chemistry*. 132.
- Tharanathan, R. N. 2003. Biodegradable Films And Composite Coating: Past, Present, And Future. *Food Science And Technology*. 14: 71 – 78.
- Verheij, E. W. M. and Coronel, R. E. 1992. Edible Fruits and Nuts. *Plant Resources of South East Asia*. Bogor.
- Vermeiren, L., Devlieghere, F., Beest, M. V., De Kruijf, N., and Debevere, J. 1999. Developments In The Active Packaging of Foods. *Food Science & Technology*. 10: 77 – 86.
- Wang, Q. and Li, L. 2005. Effect of Molecular Weight on Thermoreversible Gelation And Gel Elasticity of Methylcellulose in Aqueous Solution. *Carbohydrate Polymer*. 62: 232 – 238.
- Widiastuti, D. R. 2016. Kajian Kemasan Pangan Aktif dan Cerdas. Direktorat Pengawasan Produk dan Bahan Berbahaya. Deputi Bidang Pengawasan Keamanan Pangan dan Bahan Berbahaya Badan Pengawas Obat dan Makanan.
- William, B. W., Cuvelier, M. E., and Berset, C. 1995. Use of Free Radical Method to Evaluate Antioxidant Activity. *Lebensmittel Wissenschaft and Technologie*. 28: 25 – 30.
- Winarsi, H. 2007. *Antioksidan Alami dan Radikal Bebas*. Kanisius: Yogyakarta.
- Winks, M., and Schimmer, O. 1999. Modes Of Action Of Deensive Secondary Metabolites. *Function Of Plant Secondary Metabolite And Their Exploitation In Biotechnonology*. *Annual Plant Reviews*. Pp. 17-133. Sheffield Academic Press, Sheffield.
- Wirawan, S. K., Prasetya, A. dan Ernie. 2012. Pengaruh Plasticizer Pada Karakteristik Edible film Dari Pektin. *Jurnal Reaktor*. 14: 61 – 67.
- Wustenberg, T. 2015. *Cellulose and cellulose derivatives in the food industry fundamentals and applications*. Jerman : Wiley-VCH Verlag GmbH & Co. KGaA.

- Xu, Y. X., Kim, K. M., Hanna, M. A., and Nag, D. 2005. Chitosan-Starch Composite film: Preparation and Characterization. 21: 185 – 192.
- Yao, L. H., Jiang, Y. M., Shi, J., Tomas-Barberan, F. A., Datta, N., Singanusong, R., and Chen, S. S. 2004. Flavonoids in Food and Their Health Benefits. *Plant Foods for Human Nutrition*. 59: 113 – 122.
- Yasir, M., Bushra, S., Poonam, S. N., and Richard, O. A. 2016. Antioxidant and Genoprotective Activity of Selected Cucurbitaceae Seed Extracts and LC-ESI MS/MS Identification of Phenolic Components. *Food Chemistry*. 199: 307 – 313.
- Ye, D., Montane, D., and Farriol, X. 2005. Preparation and Characterization of Methylcellulose from *Miscanthus sinensis*. *Carbohydrate Polymer*. 62: 258 – 266.
- Yuniari, A. 2014. Sifat Elektrik dan Termal Nanokomposit Poly (Vinyl Chloride) PVC/Low Density Polyethylene (LDPE). *Balai Besar Kulit, Karet, dan Plastik*. 30: 53 – 60.
- Zeng, R., Zhang, A., Chen, J., and Fu, Y. 2013. Impact of Carboxymethyl Cellulose Coating Enriched with Extract of *Impatiens Balsamina* Stems on Preservation of ‘Newhall’ Navel Orange. *Scientia Horticulturae*. 160: 44 - 48.