

AGRITECH

JURNAL TEKNOLOGI PERTANIAN

VOLUME 32, NO. 3, AGUSTUS 2012

- **Optimasi Kondisi Fermentasi Whey Dangke sebagai Produk Minuman dengan Response Surface Methodology** 215
Optimization of Fermentation Conditions of Dangke Whey as Beverage Product by Using Response Surface Methodology
 Simak
 Fatma, Soeparno, Nurliyani, Chusnul Hidayat, Muhammad Taufik
- **Ekstraksi Selulosa dari Pod Husk Kakao Menggunakan Sodium Hidroksida** 223
Cellulose Extraction from Cacao Pod Husk Using Sodium Hydroxide
 Gatot Siswo Hutomo, Djagal Wiseso Marseno, Sri Anggrahini, Supriyanto
- **Formulasi dan Stabilitas Mikroemulsi O/W sebagai Pembawa Fucoxanthin** 230
Formulation and Stability of O/W Microemulsion as Fucoxanthin Delivery
 Lutfi Subendra, Sri Raharjo, Pudji Hastuti, Chusnul Hidayat
- **Perbandingan Ekstraksi Oleoresin Biji Pala (*myristica fragrans* Houtt) Asal Maluku Utara Menggunakan Metode Maserasi dan Gabungan Distilasi – Maserasi** 240
COMPARISON OF NUTMEG (Myristica fragrans Houtt) Oleoresin Extraction from North Maluku Using Maceration and Combination of Distillation-Maceration Methods
 Muhammad Assagaf, Pudji Hastuti, Chusnul Hidayat, Supriyadi
- **Aktivitas Antioksidan Berbagai Fraksi dan Ekstrak Metanolik Daun Beluntas (*Pluchea indica* Less)** 249
Antioxidant Activities of Various Fractions and Methanolic Extract of Beluntas (Pluchea Indica Less) Leaves
 Painsi Sri Widyawati, Hanny Wijaya, Peni Suprapti Harjosworo, Dondin Sajuthi
- **Potensi Bakteri Asam Laktat yang Diisolasi dari Bekasam sebagai Penghasil Angiotensin Converting Enzyme Inhibitor pada Fermentasi Bekasam Like Product** 258
Potency of Lactic Acid Bacteria Isolated from Bekasam as Angiotensin Converting Enzyme Inhibitor Producing-Bacteria in Fermentation of Bekasam "Like Product"
 Prima Retno Wikandari, Suparmo, Yustinus Marsono, Endang Sutriswati Rahayu
- **Pemodelan Matematik Perubahan Parameter Mutu selama Penyimpanan dan Sorpsi-isotermi Kerupuk Goreng Pasir** 265
Mathematical Modeling of Change of Quality Parameter during Storage and Sorption-Isotherm of Chip Fries Sand
 Siswantoro, Budi Rahardjo, Nursigit Bintoro, Pudji Hastuti
- **Pengaruh Suhu dan Lama Proses Sulfonasi dalam Proses Produksi Methyl Ester Sulfonic Acid (mesa) Menggunakan Single Tube Falling Film Reactor (STFR)** 275
Effects of Temperature and Sulfonation Time on Methyl Ester Sulfonic Acid (MESA) Production Process using Single Tube Falling Film Reactor (STFR)
 Siti Mujdalipah, E Hambali, A Suryani, E Zulchaidir

- **Sintesis Fosfolipid Mengandung Asam Lemak Ω -3 dari Fosfolipid Kedelai dan Minyak Kaya Asam Lemak Ω -3 dari Hasil Samping Pengalengan Tuna** 284
Synthesis of Phospholipid Containing ω -3 Fatty Acids from Soy Phospholipids and Fish Oil Enriched with ω -3 Fatty Acids from Tuna Canning Processing
 Teti Estiasih, Moch. Nur, Jaya Mahar Maligan, Satrio Maulana
- **Pengaruh Perendaman dan Perebusan terhadap Kandungan Protein, Gula, Total Fenolik dan Aktivitas Antioksidan Kerandang (*Canavalia virosa*)** 294
*The Effect of Soaking and Boiling on Protein, Oligosaccharides, Total Phenolic Content and Antioxidant Activity of Kerandang (*Canavalia virosa*)*
 Titiek Farianti Djaafar, Umar Santosa, Muhammad Nur Cahyanto, Endang Sutriswati Rahayu
- **Perkiraan Umur Simpan Kacang Rendah Lemak Dilapisi dengan Carboxymethyl Cellulose Menggunakan Metode Accelerated Shelf-life Test (ASLT)** 301
Shelf-life Prediction of Partially Defatted Peanut Coated with Carboxymethyl Cellulose Using Accelerated Shelf-Life Test (ASLT) Method
 Yudi Pranoto, Djagal Wiseso Marseno, Haryadi
- **Potensi Biji dan Ekstrak Biji Teratai (*Nymphaea pubescens* Willd) sebagai Pencegah Diare pada Tikus Percobaan yang Diintervensi *E.coli* Enteropatogenik** 308
*(The Potency of Waterlily's Seed (*Nymphaea pubescens* Willd) and Its Extract as Diarrhea Preventative in Rats that Intervented with Enteropathogenic *Escherichia coli*)*
 Yuspihana Fitriah, Made Astawan, Soewarno T.Sockarto, Komang G.Wiryawan, Tutik Wresdiyati
- **Studi Intersepsi Hujan pada Hutan Tanaman *Eucalyptus Pellita* F.muell di Riau** 318
*Study of Rainfall Interception at *Eucalyptus pellita* F.Muell Plantation Forest in Riau*
 Agung Budi Supangat, Putu Sudira, Haryono Supriyo, Erny Poedjirahajoe
- **Aplikasi Model Avswat2000 untuk Prediksi Limpasan Permukaan, Erosi, dan Sedimentasi di Sub Das Keduang: Das Bengawan Solo Hulu** 325
Application Model AVSWAT2000 to Predict Surface Runoff, Erosion, and Sedimentation in Keduang Watershed: Upper Bengawan Solo Watershed
 Siti Mechram, Muhjiddin Mawardi, Putu Sudira
- **Kesesuaian Model Infiltrasi Philips untuk Prediksi Limpasan Permukaan Menggunakan Metode Bilangan Kurva** 331
Suitability Philips Infiltration Model for Surface Runoff Prediction Using Curve Number Method
 Sri Ritawati, Muhjiddin Mawardi, Sunarto Goenadi