



UNIVERSITAS  
GADJAH MADA

Penentuan mutu ekstrak etanolik daun kenikir (*Cosmos caudatus* Kunth.) dengan parameter flavonoid

total dan minyak atsiri

RACHMANI, Eka Prasasti Nur, Prof. Dr. Suwijo Pramoto, DEA., Apt

Universitas Gadjah Mada, 2009 | Diunduh dari <http://etd.repository.ugm.ac.id/>

## DAFTAR PUSTAKA

- Agusta, A., 2000, *Minyak Atsiri Tumbuhan tropika Indonesia*, Hal. 98-101, Penerbit ITB, Bandung.
- Anonim<sup>a</sup>, 2008, *Cosmos caudatus* Kunth (*wild cosmos*) *Information*, <http://www.plantencyclopedia.org/21821-CosmoscaudatusKunth-wildcosmos-plant.html>, diakses tanggal 20 Juli 2008.
- Anonim<sup>b</sup>, 2008, *Cosmos caudatus* H.B. & Kunth, <http://www.anekaplantasia.cybermediaclip.com>, diakses tanggal 3 Agustus 2008.
- Anonim<sup>c</sup>, 2008, Plant resources of South-East Asia 8 (PROSEA) : *Vegetables*, Indonesia, p.152-153.
- Anonim, 2000, *Parameter Standar Umum Ekstrak Tumbuhan Obat*, Hal. 3-7, 9-10, Departemen Kesehatan RI dan Direktorat Jenderal Pengawasan Obat dan Makanan, Jakarta.
- Anonim, 1995, Farmakope Indonesia, Edisi IV, Hal. 7, Departemen Kesehatan Republik Indonesia, Jakarta.
- Babji, A. S., Noriham, A., Nulkirah, M., and Chan, K.W., 2005, *Phylogenetic antioxidants in Processed Chicken Product*, National University of Malaysia, Malaysia, p. 26-28.
- Backer, A. and Van Den Brink, B., 1965, *Flora of Java*, Vol II, p. 413-414, The Netherlands.
- Chang, C., Yang, M., Wen H., and Chem, J., 2002, Estimation of total flavonoid content in propolis by two complementary colorimetric methods. *J.Fd.*, **10**: 178-182.
- Fuzzati N., Sutarjadi, Dyatmiko W., Rahman A., and Hostettmann K., 1995, Phenylpropane Derivates From Roots of *Cosmos caudatus*, *J. Phytochem.*, **39**(2), p. 409-415.
- Geissman, 1962, *The Chemistry of Flavonoid Compounds*, p. 34-155, The Mac Milan Company, New York.
- Goodwin, R.Y., 1976, *Chemistry and Biochemistry of Plant Pigment*, 2<sup>nd</sup> Edition, p. 772, Academic Press, New York.



Harborne, J.B., 1973, *Metode Fitokimia*, diterjemahkan oleh Kosasih Padmawinata dan Iwang Sudiro, Hal. 47-54 , 69-76, Penerbit ITB, Bandung.

Harborne, J.B. and Mabry, T.J., 1975, *The Flavonoid*, p. 45-48, 301-303, Chapman and Hall, London.

Harborne, J.B., 1967, *Comparative Biochemistry of The Flavonoids*, p. 31-43, Academic Press, London.

Ikan, R., 1969, *Natural Product*, p. 1-3, Academic Press, London.

Ketaren, S., 1985, *Pengantar Teknologi Minyak Atsiri*, Hal. 37-38, 45-72, Penerbit Balai Pustaka, Jakarta.

Kumar, A. S., Mazumder, A., Venkateshwaran, K., Kamalakannan, K., and Sivakumar, T., 2008, PHCOG MAG.: Research Article Evaluation of Antioxidant Activity, Phenol and Flavonoid Contents of Some Selected Indian Medicinal Plants, p. 144, *Pharmacognosy Magazine*, ISSN : 0973-1296.

Mabry, T.J., Markham, K.R., and Thomas, M.B., 1970, *The Systimatic Identification of Flavonoid*, p. 45-53, Springer-Verlag, New York.

Macek, K., 1972, *Pharmaceutical Applications of Thin Layer Chromatography*, p. 151-153, Elsevier Publishing Company, New York.

Markham, K.R., 1982, *Cara Mengidentifikasi Flavonoid*, diterjemahkan oleh Kosasih Padmawinata, Hal. 1-7, 10, 15-27, 38-47, 54-62, Penerbit ITB, Bandung.

Meier, P.C. and Richard, E. Z., 2000, *Statistical Methods in Analytical Chemistry*, 2<sup>nd</sup> Ed., p. 9, John Wiley and Sons Inc., New York.

Mursyidi, A., 1988, *Statistika untuk Farmasi dan Biologi*, Hal. 78-79, Ghalia Indonesia, Jakarta.

Pramono, S., 1989, *Pemisahan Flavonoid*, Hal. 12-18, Universitas Gadjah Mada, Yogyakarta.

Ragasa, C.Y., Nacpil, Z.D., Penalosa, B.A., Coll, J.C., Rideout, J.A., 1997, Antimutagen and Antifungal Compounds from *Cosmos caudatus*, PJS., Philippines, v. 126(3) p. 199-206.

Riberau and Gayon, 1965, Bull Soc. Chem in Ekasari, H., 1998, Isolasi dan Identifikasi Flavonoid Daun Kemuning (*Murraya paniculata Jacq.*), Skripsi, Fakultas Farmasi UGM.



UNIVERSITAS  
GADJAH MADA

Penentuan mutu ekstrak etanolik daun kenikir (*Cosmos caudatus Kunth.*) dengan parameter flavonoid

total dan minyak atsiri

RACHMANI, Eka Prasasti Nur, Prof. Dr. Suwijo Pramoto, DEA., Apt

Universitas Gadjah Mada, 2009 | Diunduh dari <http://etd.repository.ugm.ac.id/>

Robinson, T., 1991, *Kandungan Organik Tumbuhan Tinggi*, Diterjemahkan oleh Kosasih Padmawinata, Hal. 196-198, 208, Penerbit ITB, Bandung.

Roboz, J., 1987, Mass Spectrometry: Principle of Instrumentation and Techniques in: Rositer , B.W., Hamilton, J.F.(eds.): *Physical methods of Chemistry*, Vol II A, 2<sup>nd</sup> ed., p. 409-476, John Wiley & Sons, Inc., New York.

Santosa, H.B., 1993, *Akar Wangi Bertanam dan Penyulingan*, Hal. 21-25, Kanisius, Yogyakarta.

Sastrohamidjojo, H., 1991, *Kromatografi*, Edisi II, Hal. 15-16, 19-24, Liberty, Yogyakarta.

Shui, G., Leong, L., P., and Wong, S. P., 2005, Rapid Screening and Characterisation of Antioxidants of *Cosmos caudatus* Using Liquid Chromatography Coupled With Mass Spectrometry, *J.Chromatography B*, Singapore, 827(1) p. 127-138.

Stahl, E., 1969, *Thin Layer Chromatography*, transalated by Ashworth. M. R. F., Springer International Student Edition, p. 811-813, Springer-Verlag, New York.

Swain, T., 1976, Nature and Properties of Flavonoid, in Goodwin, R.Y., 1976, *Chemistry and Biochemistry of Plant Pigment*, 2<sup>nd</sup> Edition, p. 427-440, Academic Press, New York.

Vimala, S., Ilham, M. A., Rashih, A. A., Rohana, S., and Juliza, M., 2005, *Antioxidant and Skin Whitening Standardized Extracts : Development and Commercialization in Firm*, Forest Research Institute Malaysia (FRIM), Malaysia. p. 227.

Yuwono, M. & Indrayanto, G., 2005, *Validation of Chromatographic Methods of Analysis*, Profiles of Drugs Substances Excipients and Related Methodology, 32: 246, 252.