

DAFTAR PUSTAKA

1. Isfardiyyana SH, Safitri SR. Pentingnya Melindungi Kulit dari Sinar Ultraviolet dan Cara Melindungi Kulit dengan Sunblock Buatan Sendiri. *J Inov dan Kewirausahaan*. 2014;3(2).
2. Jacob TNA, Siswati AS, Budiyanto A, Triwahyudi D, Sirait SAP, Mawardi P, Budianti WK, Dwiyana RF, Widasmara D, Maria R, Tanojo H. Pengaruh Sinar Ultraviolet terhadap Kesehatan Kajian terhadap Berjemur (*Sun Exposures*). In Jakarta: PERDOSKI; 2020.
3. Burnett ME, Wang SQ. Current Sunscreen Controversies: A Critical Review. Vol. 27, *Photodermatology Photoimmunology and Photomedicine*. 2011.
4. Sweetman. *Martindale The Complete Drug Reference Thirty-Eighth Edition*. J Chem Inf Model. 2014;53(9).
5. Agin PP, Ruble K, Hermansky SJ, McCarthy TJ. Rates of Allergic Sensitization and Irritation to Oxybenzone-Containing Sunscreen Products: a Quantitative Meta-Analysis of 64 Exaggerated Use Studies. *Photodermatol Photoimmunol Photomed*. 2008;24(4).
6. Dinardo JC, Downs CA. Dermatological and Environmental Toxicological Impact of The Sunscreen Ingredient Oxybenzone/Benzophenone-3. Vol. 17, *Journal of Cosmetic Dermatology*. 2018.
7. BPOM RI. Peraturan Badan Pengawas Obat dan Makanan Nomor 23 Tahun 2019 Tentang Persyaratan Teknis Bahan Kosmetik. BPOM RI. 2019.
8. Harmita H. Petunjuk Pelaksanaan Validasi Metode dan Cara Perhitungannya. *Majalah Ilmu Kefarmasian*. 2004;1(3).
9. Bhuva C, Singh R, Anil S. Analytical Method Development for Simultaneous Estimation of Oxybenzone, Octocrylene, Octinoxate and Avobenzone in Sunscreen by High Performance Liquid Chromatography and Its Validation. *Pharmacophore*. 2012;3(2).
10. Westgate E, Sherma J. Determination of The Sunscreen Oxybenzone in Lotions by Reversed-Phase HPTLC with Ultraviolet Absorption Densitometry. *J Liq Chromatogr Relat Technol*. 2000;23(4).

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11. Rohman A. Validasi dan Penjaminan Mutu Metode Analisis Kimia. Yogyakarta: Gadjah Mada University; 2018.
 12. Roth HJ, Blaschke G. Analisis Farmasi. Yogyakarta: Gadjah Mada University; 1998.
 13. Rohman A. Kromatografi untuk Analisis Obat. Yogyakarta: Graha Ilmu; 2009.
 14. Kale S, Kulkarni K, Ugale P, Jadav K. Application of HPTLC for The Qualitative and Quantitative Analysis of Avobenzone, Oxybenzone, Octinoxate in Sunscreen Cream. *Int J Pharm Pharm Sci*. 2014;6(8).
 15. Stahl E. Analisis Obat secara Kromatografi dan Mikroskopi, Diterjemahkan oleh Kokasih Padmawinata dan Iwang Soediro. ITB. 1985.
 16. Wulandari L. Kromatografi Lapis Tipis. Jember: Taman Kampus Presindo; 2011.
 17. Leba MAU. Buku Ajar: Ekstraksi dan Real Kromatografi. Yogyakarta: Deepublish; 2017.
 18. BPOM. Keputusan Kepala Badan Pengawas Obat dan Makanan Republik Indonesia Nomor Hk.00.05.4.1745 Tentang Kosmetik. BPOM RI. 2003;
 19. Latifah F, Iswari R. Buku Pegangan Pengetahuan Ilmu Kosmetik. Jakarta: Gramedia Pustaka Utama; 2013.
 20. Lachman L. Teori dan Praktek Farmasi Industri. Ed Ketiga. 1994;
 21. Pujiastuti A, Kristiani M. Formulasi dan Uji Stabilitas Mekanik *Hand and Body Lotion Sari Buah Tomat (Lycopersicon Esculentum Mill.)* sebagai Antioksidan. *J Farm Indonesia*. 2019;16(1).
 22. Rohman A. Analisis Obat dalam Sediaan Farmasi. Yogyakarta: Gadjah Mada University; 2018.
 23. Dwikarya M. Merawat Kulit & Wajah. Jakarta: Kawan Pustaka; 2002.
 24. Geoffrey K, Mwangi AN, Maru SM. Sunscreen Products: Rationale for Use, Formulation Development and Regulatory Considerations. Vol. 27, Saudi Pharmaceutical Journal. 2019
 25. Gabriella B, Kenneth S. A. Introduction to Cosmetic Formulation and Technology. Wiley. 2015.
 26. Paul SP. Ensuring The Safety of Sunscreens, and Their Efficacy in

- Preventing Skin Cancers: Challenges and Controversies for Clinicians, Formulators, and Regulators. Vol. 6, *Frontiers in Medicine*. 2019.
- 27. Lodén M, Beitner H, Gonzalez H, Edström DW, Åkerström U, Austad J, Buraczewska-Norin I, Matsson M, Wulf HC. Sunscreen Use: Controversies, Challenges and Regulatory Aspects. Vol. 165, *British Journal of Dermatology*. 2011.
 - 28. Oxybenzone. In: US Pharmacopeia 43 National Formulary 38. 2020.
 - 29. Departemen Kesehatan Republik Indonesia. Kodeks Kosmetika Indonesia Volume 2. Jakarta: Direktorat Jenderal Kesehatan Republik Indonesia; 1986.
 - 30. Schneider SL, Lim HW. Review of Environmental Effects of Oxybenzone and Other Sunscreen Active Ingredients. Vol. 80, *Journal of The American Academy of Dermatology*. 2019.
 - 31. Russo JP, Ipiña A, Palazzolo JF, Cannavó AB, Piacentini RD, Niklasson B. Photoallergic Contact Dermatitis to Sunscreens Containing Oxybenzone in La Plata, Argentina. *Actas Dermosifiliogr*. 2018;109(6).
 - 32. Sudjadi. Kimia Farmasi Analisis. Yogyakarta: Pustaka Pelajar; 2007.
 - 33. Rubiyanto D. Metode Kromatografi: Prinsip Dasar, Praktikum dan Pendekatan Pembelajaran Kromatografi. Yogyakarta: Deepublish; 2017.
 - 34. Rubiyanto D. Teknik Dasar Kromatografi. Yogyakarta: Deepublish; 2016.
 - 35. EMA EMA. ICH Topic Q 2 (R1) Validation of Analytical Procedures: Text and Methodology: Note for Guidance on Validation of Analytical Procedures: Text and Methodology (CPMP/ICH/381/95). Prescribe International. 1995.
 - 36. Chisvert A, Salvador A, Pascual-Martí MC. Simultaneous determination of oxybenzone and 2-ethylhexyl 4-methoxycinnamate in sunscreen formulations by flow injection-isodifferential derivative ultraviolet spectrometry. *Anal Chim Acta*. 2001;428(2).
 - 37. Wulandari L, Retnaningtyas Y, Mustafidah D. Pengembangan dan Validasi Metode Kromatografi Lapis Tipis Densitometri untuk Penetapan Kadar Teofilin dan Efedrin Hidroklorida secara Simultan pada Sediaan Tablet. *J Kim Terap Indones*. 2013;15(1).
 - 38. Mohamed AMI, Omar MA, Deraye SM, Hammad MA, Mohamed AA.

- Validated Thin-Layer Chromatographic Method for Alternative and Simultaneous Determination of Two Anti-Gout Agents in Their Fixed Dose Combinations. Open Chem. 2018;16(1).
- 39. Ashley K, Andrews RN, Cavazos L, Demange M. Ultrasonic Extraction as a Sample Preparation Technique for Elemental Analysis by Atomic Spectrometry. In: Journal of Analytical Atomic Spectrometry. 2001.
 - 40. Dachriyanus D. Analisis Struktur Senyawa Organik secara Spektroskopi. 2017.
 - 41. Kusumawardhani N, Sulistyarti H, Atikah. Penentuan Panjang Gelombang Maksimum dan pH Optimum dalam Pembuatan Tes Kit Sianida Berdasarkan Pembentukan Hidrindantin. Kim Student J. 2016;1(1).
 - 42. Susanti M, Dachriyanus D. Kromatografi Cair Kinerja Tinggi. 2017.
 - 43. Dewi NLA. Pemisahan, Isolasi, dan Identifikasi Senyawa Saponin dari Herba Pegagan (*Centella Asiatica* L. Urban). J Farm Udayana. 2018;
 - 44. Belouafa S, Habti F, Benhar S, Belafkikh B, Tayane S, Hamdouch S, Bennamara A, Abourriche A. Statistical Tools and Approaches to Validate Analytical Methods: Methodology and Practical Examples. In: International Journal of Metrology and Quality Engineering. 2017.
 - 45. Riyanto. Validasi & Verifikasi Metode Uji: Sesuai dengan ISO/IEC 17025 Laboratorium Pengujian dan Kalibrasi. Yogyakarta: Deepublish; 2014.