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#2299 Summary

SUMMARY REVIEW EDITING

Submission

| | |
|----------------|---|
| Authors | Dwi Rachmawaty Daswi, Arisanty Arisanty, St Mutmainnah Dewi Reski, Alfrida Monica Salasa, St Ratnah |
| Title | Formulasi Dan Stabilitas Mutu Fisik Sediaan Gel Wajah Yang Mengandung Ekstrak Daun Afrika Dengan Variasi Konsentrasi Carbopol |
| Original file | 2299-9787-1-SM.DOCX 2021-08-31 |
| Supp. files | None |
| Submitter | Arisanty Arisanty |
| Date submitted | August 31, 2021 - 04:57 PM |
| Section | Articles |
| Editor | Muli Sukmawaty |
| Abstract Views | 456 |

Status

| | |
|---------------|--|
| Status | Published Vol 18, No 1 (2022): MEDIA FARMASI |
| Initiated | 2022-05-12 |
| Last modified | 2022-06-09 |

Submission Metadata

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| Bio Statement | — |

Title and Abstract

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|-------|---|
| Title | Formulasi Dan Stabilitas Mutu Fisik Sediaan Gel Wajah Yang Mengandung Ekstrak Daun Afrika Dengan Variasi Konsentrasi Carbopol |
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|----------|--|
| Abstract | <i>Formulation And Physical Quality Stability Of Facial Gel Preparations Containing African Leaf Extract (Vernonia amygdalina dell.) With Variations In Carbopol Concentration</i> |
|----------|--|

contain phenolic compounds including flavonoids that can wardoff free radicals. This study aims to formulate facial gel preparations from African leaf extracts to determine the stability of the physical quality of the preparations. African leaves are extracted using the maceratio method and then formulated into a facial gel made in three variations of the formula. Three gel formulas made with different carbopol concentrations are 0.5%, 1%, 2%. Physical quality testing of facial gel preparations is performed before and after the accelerated stability test (freeze thaw), including organoleptics, homogeneity tests, syneresis tests, pH tests, scatterpower tests and viscosity tests. Based on the results, formula II with 1 % carbopol concentration fulfilled almost all the requirement of the physical quality test carried out before and after the accelerated stability test except for pH testing, for formula I with 0,5 % carbopol concentration and formula III with 2 % carbopol concentration only met homogeneity, syneresis and viscosity test requirement. The result of statistical test showed the result of $P > 0,05$ which means there is no significant difference from the test results before and after accelerated storage.

Keywords : *Physical quality test, facial gel, African leaf extract, carbopol*

Daun Afrika (*Vernonia amygdalina Del.*) merupakan tanaman yang memiliki manfaat sebagai antioksidan alami karena memiliki kandungan senyawa fenolik termasuk flavonoid yang dapat menangkalkan radikal bebas. Memformulasikan sediaan gel wajah dari ekstrak daun afrika dan untuk mengetahui kestabilan mutu fisik sediaan merupakan tujuan dari penelitian ini. Daun Afrika diekstraksi dengan menggunakan metode maserasi kemudian di formulasikan kedalam gel wajah yang di buat dalam 3 variasi formula. Tiga formula gel yang dibuat dengan konsentrasi carbopol yang berbeda yaitu 0,5%, 1%, 2%. Pengujian mutu fisik sediaan gel wajah dilakukan sebelum dan setelah uji stabilitas dipercepat (*freeze thaw*), meliputi organoleptik, uji homogenitas, uji sineresis, uji pH, uji daya sebar serta uji viskositas. Berdasarkan hasil yang diperoleh formula II dengan konsentrasi carbopol 1% memenuhi hampir semua persyaratan uji mutu fisik yang dilakukan sebelum dan sesudah uji stabilitas

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dipercepat kecuali pengujian PH , untuk formula I dengan konsentrasi carbopol 0,5 % dan formula III dengan konsentrasi carbopol 2% hanya memenuhi persyaratan uji homogenitas, sinerisis dan viskositas. Hasil uji statistik menunjukkan hasil $P > 0,05$ yang berarti tidak ada perbedaan yang signifikan dari hasil pengujian sebelum dan sesudah penyimpanan dipercepat.

Kata Kunci: Uji mutu fisik, gel wajah, ekstrak daun Afrika, carbopol

Indexing

Language id

Supporting Agencies

Agencies —

References

References

Ajayi, F. T., Omotoso, S. O., & Oluwafemi, J. (2016). Evaluation of fodder plants (*Ficus polita* , *Azadirachta indica* and *Vernonia amygdalina*) for their phytochemical and antibacterial properties Evaluation of fodder plants (*Ficus polita* , *Azadirachta indica* and *Vernonia amygdalina*) for their phytochemica. *Cogent Food & Agriculture*, 114(1). <https://doi.org/10.1080/23311932.2016.1211466>

Farombi, E. O., & Owwoye, O. (2011). Antioxidative and chemopreventive properties of *Vernonia amygdalina* and *Garcinia biflavonoid*. *International Journal of Environmental Research and Public Health*, 8(6), 2533–2555. <https://doi.org/10.3390/ijerph8062533>

Muliyawan Dewi dan Suriani Neti. 2013. A-Z Tentang Kosmetik. (E-bookonline). Tersedia : <http://books.google.co.id> (2013)

Prabowo C., W., et al., 2017. Aktifitas Antioksidan dan Tabir Surya Ekstrak Daun Afrika. *Jurnal Kesehatan. Farmasi UniversitasMulawarman. Samarinda.*

Puspitasari, A. D., Intan, E., & Wardhani, K. (2018). Evaluasi Karakteristik Fisika-Kimia Dan Nilai Spf Lotion Tabir Surya Ekstrak Daun Kersen (*Muntingia Calabura L.*) Evaluation Of Physical Chemical Characteristics And Spf Value Of Sunscreen Lotion Of *Muntingia Calabura L.* Leaf Extract. *Jurnal Riset Teknologi Industri*, 12(2), 150.

Rowe, C. R. 2009. *Handbook of Pharmaceutical Excipients* 6th Edition. London : Chicago : APhA/Pharmaceutical Press.

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Authors Dwi Rachmawaty Daswi, Arisanty Arisanty, St Mutmainnah Dewi Reski, Alfrida Monica Salasa, St Ratnah 
Title Formulasi Dan Stabilitas Mutu Fisik Sediaan Gel Wajah Yang Mengandung Ekstrak Daun Afrika Dengan Variasi Konsentrasi Carbopol
Section Articles
Editor Muli Sukmawaty 

Peer Review

Round 1

Review Version [2299-9790-1-RV.DOCX](#) 2021-08-31
Initiated 2021-09-02
Last modified 2021-10-19
Uploaded file Reviewer A [2299-10024-1-RV.DOCX](#) 2021-10-05
 Reviewer B [2299-10097-1-RV.DOCX](#) 2021-10-19

Editor Decision

Decision Accept Submission 2021-11-17
Notify Editor  Editor/Author Email Record  2021-10-20
Editor Version None
Author Version [2299-10286-1-ED.DOCX](#) 2021-11-16 [DELETE](#)

Upload Author Version No file chosen

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Title: Formulasi Dan Stabilitas Mutu Fisik Sediaan Gel Wajah Yang Mengandung Ekstrak Daun Afrika Dengan Variasi Konsentrasi Carbopol

Section: Articles

Editor: Muli Sukmawaty

Copyediting

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| REVIEW METADATA | REQUEST | UNDERWAY | COMPLETE |
|--|------------|------------|------------|
| 1. Initial Copyedit File: 2299-10359-1-CE.DOCX 2021-11-17 | 2021-11-17 | — | 2021-11-29 |
| 2. Author Copyedit File: 2299-10359-5-CE.DOCX 2022-05-12 <input type="button" value="Choose File"/> No file chosen <input type="button" value="Upload"/> | 2021-12-06 | 2021-12-06 | 2021-12-06 |
| 3. Final Copyedit File: 2299-10359-4-CE.DOCX 2022-05-12 | 2021-12-06 | — | 2021-12-06 |

Copyedit Comments No Comments

Layout

| Galley Format | FILE |
|--|--|
| 1. PDF (Bahasa Indonesia) VIEW PROOF | 2299-10685-3-PB.PDF 2022-05-12 234 |
| Supplementary Files | FILE None |

Layout Comments No Comments

Proofreading

[REVIEW METADATA](#)

| | REQUEST | UNDERWAY | COMPLETE |
|------------------|------------|------------|------------|
| 1. Author | 2022-05-12 | 2022-05-12 | 2022-05-12 |
| 2. Proofreader | 2022-05-12 | — | 2021-12-06 |
| 3. Layout Editor | 2021-12-06 | — | 2021-12-06 |

Proofreading Corrections No Comments [PROOFING INSTRUCTIONS](#)

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