International Journal of ChemTech Research
CODEN (USA): IJCRGG, ISSN: 0974-4290, ISSN(Online):2455-9555
Vol.10 No.1 pp 322-330, 2017

Formulation and EvaluatingAnti-Aging Effect of Vitamin E in Biocellulose Sheet Mask

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Abstract: Facial mask is popular facial-care product amongst consumers, especially the one that contains vitamin E as anti-aging. Face mask is easy to use, and it has a better active-ingredient penetration effect. Biocellulose is a natural cotton-mask replacement which is more eco-friendly with higher occlusive effect. The aim of this research is to formulate a biocellulose mask with vitamin E as anti-aging and to evaluate its effectiveness against volunteer's facial skin.The evaluation conducted to the biocellulose mask include the mask's weight and thickness. Essence evaluation includes homogeneity test, viscocity test, pH test, stability test, irritation test and anti-aging effectivity test using skin analyzer. Parameters measured include moisture, evenness, pore, spots, and wrinkles. The results showed that biocellulose could be formulated as a facial mask preparation and higher vitamin E concentration in the essence result in a better anti-aging effectiveness.
Keywords:*Biocellulose mask, vitamin E, acetobacter xylinum, anti-aging, formulation, skin analyzer.*

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