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EZRA YUNI TYASTUTININGSIH

**FORMULASI DAN UJI DAYA BERSIH SABUN PEMBERSIH MUKA
BERBAHAN AKTIF EKSTRAK ASAM JAWA DALAM BASIS GEL
(SEBAGAI SALAH SATU SERI PRODUK SEDIAAN PENCERAH KULIT)**

**MILIK
PERPUSTAKAAN
UNIVERSITAS AIRLANGGA
SURABAYA**



**FAKULTAS FARMASI UNIVERSITAS AIRLANGGA
BAGIAN FARMASETIKA
SURABAYA
2004**

LEMBAR PENGESAHAN

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**DIBUAT UNTUK MEMENUHI SYARAT
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ABSTRACT

Formulation and the test of cleaning capacity of face cleaning soap with active Javanese tamarind extract in gel base (as one of the the skin whitening product series).

There was done to formulate face cleaning soap with active Javanese tamarind extract in gel base (as one of the skin whitening product series). There are 3 formula with alpha hidroxy acid 0,5%; 1,0%; 1,5%, every formula also be differentiated in primary surfactant, they are 5%, 7% and 9%.

From this composition, we can get total composition of acid which is counted as tartaric acid in 13,82%. Stability of the sample was evaluated with organoleptis testing, pH and viscosity which was done in 4th day, 8th day, 15th day and 30th day after making process at $27 \pm 1^{\circ}\text{C}$.

Acceptability testing consist of few aspect, they are the moistness, cold sensation, easily washing, dryness of the skin and foam volume. The testing of cleaning capacity was done to the sample which still has physical stability until 30 days after making.

The result of the testing prove that I3 Formula (concentrate of tartaric acid 0,5%, sodium lauryl ether sulfic 9%) has biggest cleaning capacity and acceptability standard.

Key words: alpha hidroxy acid, face cleaning soap, tamarind extract, gel, whitening series.